

A NIOSH Education and Research Center Pilot Projects Research Training Program

FY	Funded	Project Title	Principal Investigator	Institution	Knowledge Area	NORA Sector	Total Worker Health® Issues
2023-2024	\$ 9,762.00	Implementation of a diabetes prevention program among Hispanic Female Domestic Cleaners: A feasibility study.	Alvin Estacio	University of Texas Health Science Center San Antonio	Epidemiology, Human Genetics, and Environmental Sciences	Services	Workforce Demographics
2023-2024	\$ 19,999.00	Work-induced fatigue and burnout among flight instructors: impact on flight training safety and quality	Nicoletta Fala	Oklahoma State University	Mechanical and Aerospace Engineering	Transportation Warehousing & Utilities	Organization of Work
2023-2024	\$ 9,525.00	In-silico prediction of tension-type chronic headaches.	Jerome Hausselle	Oklahoma State University	Mechanical & Aerospace Engineering	Services	Prevention and Control of Hazards and Exposures
2023-2024	\$ 9,960.00	Estimation of Respiratory Deposition Doses, and Health Risk for Submicron Aerosols in Spray Products	Jinho Lee	University of Texas Health Science Center Houston	Department of Epidemiology, Human Genetics and	Manufacturing	Prevention and Control of Hazards and Exposures
2023-2024	\$ 10,000.00	Efficacy Testing of Acid-treated HEPA Filters for Reduction of Nicotine and Particulate Matter Concentrations in a Controlled Setting	Toluwanimi Oni	University of Oklahoma Health Science Center	Department of Occupational and Environmental Health	Wholesale & Retail Trade	Built Environment Supports
2023-2024	\$ 14,655.00	Monitoring the consumption of fentanyl and its adulterant xylazine by wastewater-based epidemiology	Fuqing Wu	University of Texas Health Science Center Houston	Department of Epidemiology, Human Genetics and	Public Safety	Prevention and Control of Hazards and Exposures
2022-2023	\$ 10,000.00	Importance of targeted stretch exercises for preventing work-related low back pain and discomfort in construction workers	Priyadarshini Dasgupta	Southeastern Louisiana University	Department of Industrial and Engineering Technology	Construction	Prevention and Control of Hazards and Exposures
2022-2023	\$ 7,289.90	Measuring the Effectiveness of a Personal Cooling Vest for the Prevention of Heat Strain in Construction Workers	Andrea Gonzales Melinger	UTHealth School of Public Health	EHGES	Construction	Prevention and Control of Hazards and Exposures
2022-2023	\$ 10,000.00	The association between maternal occupational exposures and adverse birth outcomes among infants with birth defects	Omobola Oluwafemi	UTHealth School of Public Health at Houston	Department of Epidemiology, Human Genetics and	Healthcare & Social Assistance	Prevention and Control of Hazards and Exposures
2022-2023	\$ 10,000.00	Task Based evaluation of Exoskeleton fit, use, and associated neurophysiological costs.	Tyagi Oshi	Texas A&M University	Industrial and Systems Engineering	Manufacturing	
2022-2023	\$ 16,578.00	Chronic and Infectious Disease Risk Perceptions and Use of Preventive Care among Household Cleaners in San Antonio, Texas	Laura Shay	UTHealth School of Public Health in San Antonio	Health Promotion and Behavioral Sciences	Services	Community Supports
2021-2022	\$ 8,531.00	Musculoskeletal discomfort, physical activity, and workstation type: A follow-up study of traditional office worker after long-term remote work	Kaysey Aguilar	Texas A&M Health Science Center	Department of Environmental and Occupational Health	Services	

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2021-2022	\$ 19,947.00	Investigating objective measures of habitual pre-trauma sleep as potential risk factors for future PTSD	Itamar Lerner	University of Texas Health Science Center at San Antonio	Psychology	Public Safety	
2021-2022	\$ 10,000.00	Texas Agricultural Workers Cardiovascular Disease Perceptions, risk, and Health Seeking Behavior	Kimberly Prado	University of Texas at Austin	Steve Hicks School of Social Work	Agriculture, Forestry & Fishing	
2021-2022	\$ 9,881.46	Occupational Exposure to Aerosolized Human Papilloma Virus: Assessing and Addressing Perceptions and Barriers to Vaccination of At-Risk Health Care Workers	Luann Racher	University of Arkansas for Medical Sciences	Obstetrics/Gynecology	Healthcare & Social Assistance	
2021-2022	\$ 10,000.00	Physiological and psychological impacts of fabric face masks in the occupational environment: an assessment of real perceived heat stress, cardiovascular load, and work rate	Mark Wilson	Tulane University	Environmental Health Sciences, School of Public Health and	Transportation, Warehousing & Utilities	
2020-2021	\$ 16,200.00	Using Artificial Neural Network Modeling to Analyze the Thermal Protective and Thermo-physiological Comfort Performance of Oil and Gas Industry Workers' Clothing.	Sumit Mandal	Oklahoma State University	Design, Housing and Merchandising	Oil & Gas Extraction	
2020-2021	\$ 9,648.00	Respirable crystalline silica dust characteristics and sources in the mining industry	Pedram Roghanchi	New Mexico Institute of Mining and Technology	Department of Mineral Engineering	Mining	
2020-2021	\$ 18,447.00	Health and wellbeing of H2 workers?	Jennifer Scott	Louisiana State University	School of Social Work	Agriculture, Forestry & Fishing	
2020-2021	\$ 10,000.00	Mitigating infection risks to airborne SARS-CoV-2 laden aerosols in the patient rooms via in-table air sanitizers and smart ventilation control.	Jianan Zhao	Oklahoma State University	School of Chemical Engineering	Healthcare & Social Assistance	
2019-2020	\$ 9,357.00	Heat stress and Kidney Function Among Immigrant Construction Workers in Texas	Bethany Alcauter	UTHealth School of Public Health	Department of Epidemiology, Human Genetics and	Construction	
2019-2020	\$ 8,100.00	Defining Occupational Ionizing Radiation Exposure with Low Dose Rate Brachytherapy for Prostate Cancer	Shraddha Dalwadi	Baylor College of Medicine	Radiation Oncology	Healthcare & Social Assistance	
2019-2020	\$ 9,836.78	Houston Union Firefighters' Perception of Cancer Risk and other Health Outcomes	Whitney Harrison	UTHealth School of Public Health - San Antonio	Epidemiology, Human Genetics and Environmental Sciences	Public Safety	
2019-2020	\$ 10,000.00	Fit-for-Duty: A Preliminary Analysis of the Predictive Value of the Physical Abilities Test (PAT) for Work-related Casualty	Roger Kollock	University of Tulsa	Department of Kinesiology and Rehabilitative Sciences	Public Safety	
2019-2020	\$ 10,000.00	Leveraging Personal Technology to Intervene on Continuous Occupational Stress Among Law Enforcement Officers	Rebecca Molsberry	UTHealth School of Public Health - Dallas	Epidemiology, Human Genetics and Environmental Sciences	Public Safety	
2019-2020	\$ 10,000.00	Exposure to Environmental and Occupational Health Hazards among Vulnerable Domestic Cleaners in San Antonio	Kelly Oyer-Peterson	UTHealth School of Public Health - San Antonio	Occupational Epidemiology	Services	
2019-2020	\$ 10,000.00	Model-based Ergonomic Design for Collaborative Lifting	Yujiang Xiang	Oklahoma State University	Mechanical and Aerospace Engineering	Manufacturing	

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2018-2019	\$ 20,000.00	Mitigating posture changes and risks of falling in standing pregnant workers	Aurelie Azoug	Oklahoma State University	School of Mechanical and Aerospace Engineering	Services	
2018-2019	\$ 10,000.00	The role of nano-particulate carbon black in lung cancer development	Cheng-Yen Chang	Baylor College of Medicine	Medicine/Pathology & Immunology	Services	
2018-2019	\$ 10,000.00	Exploring Molecular Changes and Inflammatory Cytokines	Gabriel Ibarra-Mejia	University of Texas at El Paso	Public Health Sciences	Construction	
2018-2019	\$ 19,867.00	The Effect of Sugar-Sweetened Electrolyte Beverages on Biomarkers of Hydration and Renal Stress During and Following Industrial Work in the Heat	Brendon McDermott	University of Arkansas	Health, Human Performance and Recreation	Agriculture, Forestry and Fishing Service	
2018-2019	\$ 10,000.00	The Hurricane Harvey Outreach Protection Plan Worker and Resident Survey	William Brett Perkison	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Services	
2018-2019	\$ 9,601.00	Tuberculosis Among Dairy Workers in Bailey County, Texas	Anabel Rodriguez	UTHealth School of Public Health - San Antonio	EHGES	Agriculture, Forestry & Fishing	
2017-2018	\$ 10,000.00	Oxidative Gases Emission and Particulates' Oxidative Potential from Non-conventional Welding	Marcio Bezerra	University of Oklahoma Health Science Center	Occupational & Environmental Health	Construction	
2017-2018	\$ 10,800.00	A virtual human system for health risk assessments in a representative whole-lung configuration associated with welding fume exposure	Yu Feng	Oklahoma State University	Dept. of Chemical Engineering	Construction	
2017-2018	\$ 10,000.00	Pilot testing of the DEGREE Study Protocol, POC Field Measurements, and Module on Risk Factors for CKDu in Hispanic Outdoor Workers	Erika Figueroa-Solis	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Services	
2017-2018	\$ 10,000.00	The Law Enforcement Officer Stress Surveillance Study (LEO-STRESS) Pilot	Jennifer M Reingle Gonzalez	UTHealth School of Public Health - Dallas	Epidemiology, Human Genetics & Environmental Sciences	Public Safety	
2017-2018	\$ 9,968.00	Development of Fatigue Risk Assessment Method for High Risk Environments	Ashley Shortz	Texas A&M School of Public Health	Occupational Health	Oil and Gas Extraction	
2017-2018	\$ 9,920.00	Ultrafine Particle Respiratory Deposition Measurement	Wei-Chung Su	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Manufacturing	
2017-2018	\$ 20,000.00	Occupational Exposure to SVOCs from Indoor "Green "Paints	Ying Xu	University of Texas at Austin	Civil, Architectural and Environmental Engineering	Services	
2016-2017	\$ 10,000.00	Health risks in regards to environmental heat and extreme weather conditions	Joonhyun Ahn	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Oil and Gas Extraction	
2016-2017	\$ 10,000.00	Using walking breaks to reduce the biomechanical and cardiometabolic risk factors related to prolonged occupational standing	Kaitlin Gallagher	University of Arkansas	Health, Human Performance and Recreation	Services	

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2016-2017	\$ 10,000.00	Enhancing Balance of the Aged Workers via Sensory Augmentation Toward the Reduction of Injuries Due to Falls	Pilwon Hur	Texas A&M University	Mechanical Engineering	Services	
2016-2017	\$ 8,947.00	Use of O*NET job characteristics to prospectively examine job strain as a risk factor for incident diabetes in older US workers	Miriam Mutambudzi	University of Texas Medical Branch	Preventive Medicine & Community Health	Services	
2016-2017	\$ 10,000.00	Association of cleaning agents and disinfectants with work-related asthma among auxiliary nurses in Texas	Jenil Patel	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Healthcare and Social Assistance	
2016-2017	\$ 9,998.00	Physiological Strain Incurred During Simulated Fishing Work in a Hot and Humid Environment	Bovorn Sirikul	Southeastern Louisiana University	Kinesiology & Health Studies	Agriculture, Forestry & Fishing	
2016-2017	\$ 20,000.00	Occupational and Environmental Hazards of Domestic Cleaners in San Antonio, TX	Kristina Whitworth Walker	UTHealth School of Public Health - San Antonio	Epidemiology, Human Genetics & Environmental Sciences	Services	
2015-2016	\$ 9,787.00	Health risks in regards to environmental heat and extreme weather conditions	Joohyun Ahn	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Oil and Gas Extraction	
2015-2016	\$ 10,000.00	Empathic & Co-Design: Redesign of Duty Belts for Police Officers	Aditya Jayadas	Oklahoma State University	Design, Housing & Merchandising	Public Safety	
2015-2016	\$ 10,000.00	Optimization of hardware for optimal data collection using a mobile hearing screening application (hear)	Adam Pickens	Texas A&M Health Science Center	SPH - Environmental & Occupational Health	Oil and Gas Extraction	
2015-2016	\$ 9,914.00	Representativeness of chamber sampling in occupational metal fume exposure assessment	Jun Wang	University of Oklahoma Health Science Center	Occupational & Environmental Health	Construction	
2014-2015	\$ 10,000.00	Calcium channel activation by polyaromatic hydrocarbons	Edward Brooks	UT Health Science Center at San Antonio	Pediatrics	Service Sector	
2014-2015	\$ 9,999.70	The effects of demanding work schedule characteristics on fatigue and performance capacities in female healthcare workers' injury risk profiling assessment	Brennan Thompson	Texas Tech University	Health, Exercise & Sport Sciences	Healthcare and Social Assistance Sector	
2014-2015	\$ 10,000.00	Evacuation simulations of confined spaces in petrochemical facilities	Qingsheng Wang	Oklahoma State University	Fire Protection and Safety	Oil and Gas Extraction Sector	
2013-2014	\$ 10,000.00	Predictors of musculoskeletal symptoms among office workers in Costa Rica based on the CUPID Study and comparison with other Spanish speaking countries	Adriana Campos-Fumero	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Service Sector	
2013-2014	\$ 7,993.00	Health effects of long working hours	Sadie Conway	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Cross sector: Exposure Assessment and Work Organization and Stress-	
2013-2014	\$ 9,847.00	Tracking adult vaccination history using RFID tags	Peter Hawrylak	University of Tulsa	Electrical Engineering	Healthcare and Social Assistance, Health Hazard Evaluations program agenda	

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2013-2014	\$ 9,943.00	The linkage of the National Birth Defects Prevention Study and the Occupational Information Network	Laura Lee	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Cross sector - Cancer, Reproductive and Cardiovascular Diseases	
2013-2014	\$ 20,000.00	Mutagenic effects of oil spill chemicals of human airway epithelial cells	He Wang	Tulane University	Global Environmental Health Sciences	Oil and Gas	
2013-2014	\$ 10,000.00	Biomechanical model for assessing injury risks in mining	James Yang	Texas Tech University	Mechanical Engineering	Mining	
2013-2014	\$ 12,300.00	Heat and health: Developing vulnerability indicators for farmworkers in California as a prototype for Texas	Kai Zhang	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Agriculture, Forestry and Fishing	
2012-2013	\$ 9,990.00	Quantitative Microbial Risk Assessment of Airborne Microorganisms in Retail Stores	Sungwoo Bae	University of Texas at Austin	Civil, Architectural, and Environmental Engineering	Wholesale and Retail Trade	
2012-2013	\$ 10,000.00	Safety Leadership and Management Practices among Large-Herd Dairy Owners	David Doupbrate	UTHealth School of Public Health - San Antonio	Epidemiology, Human Genetics & Environmental Sciences	Agriculture, Forestry and Fishing	
2012-2013	\$ 10,000.00	Analytical method development and validation of personal air sampler for alkylniline exposure assessment	Inkyu Han	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Cross sector - Exposure Assessment	
2012-2013	\$ 10,000.00	Reactive Oxygen Species on Respirable Particles in Institutional and Commercial Buildings	Shahana Sarfraz Khurshid	University of Texas at Austin	Civil, Architectural and Environmental Engineering	Cross sector - Exposure Assessment	
2012-2013	\$ 9,998.00	PtD to improve the design of construction processes	Phil Lewis	Oklahoma State University	School of Civil and Environmental Engineering	Construction; Cross sector - Prevention through Design	
2012-2013	\$ 10,000.00	Influence of workplace stress and personal factors on musculoskeletal disorders	Ranjana Mehta	Texas A&M Health Science Center	Environmental and Occupational Health	National Manufacturing and National Healthcare and Social Assistance	
2012-2013	\$ 10,000.00	Unintentional Exposures to Antibiotics in Healthcare Environments: Air Sampling and Analysis	Rena Saito	University of Texas Health Science Center at Tyler	Occupational Health Sciences	National Healthcare and Social Assistance	
2011-2012	\$ 11,565.00	Development of a portable EMG-based biofeedback system to alleviate chronic neck pain	Neil Dong	University of Texas at Tyler	Health and Kinesiology	Cross sector - Musculoskeletal Disorders	
2011-2012	\$ 10,000.00	Maternal exposure to occupational and medical sources of ionizing radiation and risk of selected structural birth defects	Hyeyun Lim	UTHealth School of Public Health	Environmental Sciences	Cross sector - Cancer, Reproductive and Cardiovascular Diseases	
2011-2012	\$ 9,993.00	Assessment of the State Agencies' Technical and Scientific Capability to Regulate Workers' and Community Exposures to Nanomaterials Use in Various Applications	Ephraim Massawe	Southeastern Louisiana University	Computer Science and Industrial Technology	Services; Cross sector - Nanotechnology	
2011-2012	\$ 3,300.00	The Association between mental disorders and occupational injuries among a cohort of employees from a large oilfield services corporation	Cecilia Montano	UTHealth School of Public Health	Health Promotion and Behavioral Sciences	Oil and Gas	

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2011-2012	\$ 10,000.00	Reagent less Surface Modification Technique for Personal Protection	Ruya Ozer	University of Tulsa	Chemistry and Biochemistry	Cross sector - Personal Protective Technology	
2011-2012	\$ 10,000.00	Development and Testing of an Occupational Health and Safety Program Self-Report Tool	Timothy Read	UTHealth School of Public Health	Injury Prevention	Cross sector - Small Business Assistance and Surveillance	
2011-2012	\$ 7,500.00	Employer-based occupational injury and illness surveillance: a Survey of reporting practices, tools, and outcomes	Rhandi Nicole Selde	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences	Cross sector - Surveillance	
2011-2012	\$ 7,500.00	Carbon-induced immune cell activation and emphysema	Ming Shan	Baylor College of Medicine	Medicine/Pathology and Immunology	Mining, Public Safety; Cross sector - Respiratory Diseases	
2011-2012	\$ 10,000.00	The Relevance of Coal Tar-Based Asphalt Sealants to Workplace Exposures to Polycyclic Aromatic Hydrocarbons	Spenser E. Williams	Baylor University	Environmental Health Sciences	Cross sector - Health Hazard Evaluations	
2010-2011	\$ 7,903.00	The Development and Validation of a Universal Measure of Safety Climate	Jeremy Beus	Texas A&M University	Psychology	N/A (Cross Sector: Work life Initiative)	
2010-2011	\$ 9,971.00	Worker Exposures to Potentially Toxic Chemicals During the Application of Cleaning Agents in Various Indoor Settings	Matt Earnest	University of Texas at Austin	Department Civil, Architectural and Environmental	N/A (Cross Sector: Exposure Assessment)	
2010-2011	\$ 10,000.00	Assessing Conventional and Antimicrobial Pesticides and Genetic Instability in Building Services Workers	Michelle McHugh	M. D. Anderson Cancer Center	Epidemiology	National Services Agenda	
2010-2011	\$ 9,000.00	Design of an Incident Reporting Interface for Near Misses that is Adaptive to Reporter Needs	Barbara Millet	Texas Tech University	Industrial Engineering		
2010-2011	\$ 20,000.00	Development of a Rapid Assay for Monitoring Nanoparticle Cytotoxicity	Kenneth Roberts	University of Tulsa	Chemistry and Biochemistry	N/A (Draft Service Sector Program Goals)	
2010-2011	\$ 9,000.00	Assessing the Impact of Loss to Follow-up in a Cohort Study of South Texas Adolescent Farmworkers: Implications for Planning a Cohort Study	Christina Socias	UTHealth School of Public Health	Epidemiology		
2010-2011	\$ 6,000.00	Personality Characteristics, Organizational Structure and Job Satisfaction of Sexual Assault Nurse Examiners (SANE)	Kathleen Strunk	University of Tulsa	School of Nursing	Healthcare and Social Assistance	
2010-2011	\$ 8,000.00	Reducing Ergonomic Injuries for Librarians Using a Participatory Approach	Lu Yuan	Southeastern Louisiana University	Computer Science and Industrial Technology	National Services Agenda	
2009-2010	\$ 5,000.00	Modeling in Zebrafish the Effects of Repeated and Developmental Pesticide Exposures on Behavior, Serotonergic and Dopaminergic Systems	Georgianna Gould	UTHealth School of Public Health - San Antonio	Physiology		
2009-2010	\$ 9,985.00	Emerging Persistent Organic Pollutants in Occupationally Exposed Workers	Darrah Haffner	UT Southwestern at Dallas/ University of Texas School of Public Health	Environmental and Occupational Health Sciences		

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2009-2010	\$ 10,000.00	Assessment of the Inhalation Exposures to Traffic Related Air Pollutants of Workers in Public Transportation	Jaymin Kwon	UTHealth School of Public Health	Epidemiology, Human Genetics & Environmental Sciences		
2009-2010	\$ 10,000.00	Occupational Face and Eye Exposures to Blood and Body Fluids in US Hospitals	Amber Mitchell	UTHealth School of Public Health	Environmental and Occupational Health Sciences		
2009-2010	\$ 9,872.64	A Prospective Observational Study of Aerial Dissemination of C. Diffable Spores in Hospital Air, and Association with Clostridium Difficile-Associated Disease (CDAD): Toward Prevention and	Abiodun Oluyomi	UTHealth School of Public Health	Toxicology		
2009-2010	\$ 19,709.97	Performance Evaluation of Gloves Design for Firefighters	Adriana Petrova	Oklahoma State University	Design, Housing, and Merchandising		
2009-2010	\$ 10,000.00	Occupational Exposure and Prevalence to Methicillin Resistant Staphylococcus Aureus (MRSA) among Dental Professionals	Yogesh Reddy	UTHealth School of Public Health	Occupational Medicine		
2009-2010	\$ 10,000.00	Examine the Association Between Exposure to a Common Endocrine Disrupting Chemical, Bisphenol A and Gestational Diabetes Melilitus among Pregnant Women Participating in an	Candace Robledo	University of Oklahoma	Biostatistics and Epidemiology		
2009-2010	\$ 7,992.00	Utilize Neurotoxicological, Neurochemical and Molecular Biological Techniques to Investigate the Interrelationship between Heavy Metals, Dopaminergic (DA) Function (dopamine	David Wallace	Oklahoma State University Center for Health Sciences	Pharmacology		
2008-2009	\$ 15,368.00	Prevalence of Staphylococcus auerus and Staphylococcal intermedius among Pet Industry Employees	David Gilmore	Arkansas State University	Biological Sciences		
2008-2009	\$ 6,904.00	An Assessment of Perceptions and Behavioral Determinants of Pertussis Vaccination of Health Care Workers	Sharon Huff	University of Texas at Tyler	Occupational Health Sciences		
2008-2009	\$ 20,000.00	Urinary Biomarkers of Chronic Kidney Injury	Donald Molony	University of Texas Medical School at Houston	Neurology		
2008-2009	\$ 9,998.00	Upper Extremity Exposure to Awkward Posture and Force during Crawfish Harvesting	Matthew Nonnenmann	University of Texas Health Science Center at Tyler	Occupational and Environmental Health Sciences		
2008-2009	\$ 10,000.00	HVAC Filters as a Sampling Mechanism for Indoor Biological Contaminants	Federico Noris	University of Texas at Austin	Environmental and Water Resources Engineering		
2008-2009	\$ 9,977.00	Occupational Exposures to Hazardous Airborne Pollutants	Donghyun Rim	University of Texas at Austin			
2007-2008	\$ 10,000.00	Environmental Tobacco Smoke Exposure, Health and Reproductivity In Restaurant and Bar Workers in Mexico	Tonatiuh Barrientos	UTHealth School of Public Health	Occupational Health		
2007-2008	\$ 20,000.00	Prevention of Birth Defects, Infertility and Pregnancy Loss in Working Women of Advanced Maternal Age	Lori Bernstein	Texas A&M Health Science Center	Molecular and Cellular Medicine		

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2007-2008	\$ 20,000.00	Job Related Health Risks of Latinas Employed in Cantinas	Maria Fernandez-Esquer	UTHealth School of Public Health	Health Promotion and Prevention Research		
2007-2008	\$ 10,000.00	Effects of NADPH Inhibition on Sulfur Dioxide Exposure in a Murine Model of Allergic Asthma	Daniel Hochman	University of Texas Medical Branch	Pediatric Child Research		
2007-2008	\$ 10,000.00	Proactive Laboratory Animal Allergy Surveillance Education (ProLASE)	Rebecca Langer	Baylor College of Medicine	Office of Environmental Safety		
2007-2008	\$ 7,492.00	Joint Effects of Parental Exposure to Smoking and Endocrine Active Compounds on Congenital Hearing Deficits	Jennifer Peck	University of Oklahoma Health Science Center	Biostatistics and Epidemiology		
2007-2008	\$ 10,000.00	Fungal Conidia Induced Asthmas	Paul Porter	Baylor College of Medicine	Immunology		
2006-2007	\$ 10,000.00	Work Related Asthma Among Dental, Pharmacy and Radiography Professionals	Farah Ahmed	UTHealth School of Public Health	Occupational Asthma		
2006-2007	\$ 15,265.00	Conditions Controlling the Release of Sulfur Dioxide from Sodium Metabisulfite Shrimp Dip Solutions	Morris Cranmer	University of Arkansas for Medical Sciences	Environmental and Occupational Health		
2006-2007	\$ 9,234.00	Effects of Chronic, Low-level Pesticide Exposure on Zebrafish Central Monoamine	Georgianna Gould	UTHealth School of Public Health - San Antonio	Physiology		
2006-2007	\$ 6,635.00	Role of Polymorphisms in the MGMT Gene in Modifying Cellular Responses in an Occupational Exposure to Antineoplastics	Courtney Hill	University of Texas Medical Branch	Preventive Medicine and Community Health		
2006-2007	\$ 16,900.00	Preparing the Future Nursing Workforce: A Pilot Study Examining Stressors and Nursing Student Success	Ann Malecha	Texas Woman's University	Nursing		
2006-2007	\$ 9,990.00	The Physicians' Role in Determining Appropriate Work Assignments for Women Who Work During Pregnancy	Lisa Pompeii	UTHealth School of Public Health	Environmental and Occupational Health		
2006-2007	\$ 10,000.00	Role of Oxidative Stress in the Short and Long Term Toxic Effects of 1,2-Di-bromo-3-chloropropane (DBCP) on Rat Testis	Gensheng Wang	M. D. Anderson Cancer Center	Toxicology		
2005-2006	\$ 19,940.00	Developing an Experimental Model for Hypogonadism Associated with Chronic Obstructive Pulmonary Disease	Ann Cheek	UTHealth School of Public Health	Respiratory Health		
2005-2006	\$ 9,880.00	Autonomous Overhead Power Line Monitoring	Stefan Hurlebaus	Texas A&M University	Civil Engineering		
2005-2006	\$ 16,997.31	Injury Management Among Professional Female Athletes	Joseph Kotarba	University of Houston	Sociology		

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2005-2006	\$ 10,000.00	Human Exposures to Texanol, Ester Alcohol Following Latex Paint Applications, OSP#200501711-001	Chi Chi Lin	University of Texas at Austin	Civil, Architectural and Environmental Engineering		
2005-2006	\$ 1,090.00	A Cohort Mortality Study of Workers in the Polyethylene Pipe Manufacturing Industry	Sandra Olfert	UTHealth School of Public Health	Industrial Health		
2005-2006	\$ 4,680.00	Complex Task Analysis for the Strain Index	John-Paul Stephens	Texas A&M University	Psychology		
2005-2006	\$ 7,450.41	A Psychometric Evaluation of Outcome Measures from an Intervention to Reduce Injuries Among Nursing Home Patient Care Staff	Jessica Tullar	UTHealth School of Public Health	Occupational Injury		
2005-2006	\$ 9,962.28	Evaluation and Assessment of Transmission of Tuberculosis in Health Care Workers	Shu-Hua Wang	Tulane University Health Sciences Center	Infectious Disease		
2004-2005	\$ 10,000.00	Detection of Chaetoglobosin A in the Air Separate from Fungal Conidia	Matthew Fogel	Texas Tech University Health Sciences Center	Microbiology and Immunology		
2004-2005	\$ 8,065.00	Retinal Toxicology of Lead-Exposed Children in Mexico City	Anand Giddabasappa	University of Houston	Biochemistry		
2004-2005	\$ 5,260.00	Relationship between Social Support, Work Intensity, and the Prevalence of Depression among Funeral Workers in Texas	Camille Hinojosa	UTHealth School of Public Health	Mental Health		
2004-2005	\$ 10,000.00	Evaluation of Oxidative Damage and Renal Distal Tubular Cell Stress Response Following Exposure to Lindane	Amanda Piskac	UTHealth School of Public Health	Environmental Science		
2004-2005	\$ 10,000.00	Determining Hearing Loss Among Farmworkers in Texas	Martha Soledad Vela-Acosta	UTHealth School of Public Health	Public Health		
2004-2005	\$ 10,000.00	Molecular Determinants of Chromium-induced Carcinogenesis	Timothy Wakeman	Louisiana State University Health Sciences Center	Genetics and Biochemistry and Molecular Biology		
2004-2005	\$ 10,000.00	DNA Repair Polymorphisms and Susceptibility to Butadiene Mutagenesis	Jeffrey Wickliffe	University of Texas at Galveston	Preventive Medicine and Community Health		
2004-2005	\$ 10,000.00	Ozone Interactions with HVAC Filters, Removal Efficiency and Generation of Reaction Products	Ping Zhao	University of Texas at Austin	Civil Engineering		
2003-2004	\$ 9,530.00	The Efficacy of a Continuous and Intermittent Iodine-based Dental Unit Waterline Cleaner Measured Via Multiple Methods of Enumeration	Joseph Bartoloni	UTHealth School of Public Health - San Antonio	Community Dentistry		
2003-2004	\$ 10,000.00	Organizational and Individual Factors Related to Inpatient Assaults on Mental Health Workers at State of Texas Psychiatric Hospitals	Karen Calabro	UTHealth School of Public Health	Occupational Injury		

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2003-2004	\$ 10,000.00	Determining Computing Related Risk Factors for Upper-Extremity Musculoskeletal Symptoms Among College Students at Rice University During Fall 2003	Cammie Chaumont-Menendez	UTHealth School of Public Health	Occupational & Environmental Health		
2003-2004	\$ 9,508.00	Female Performers in Live Entertainment Industry: an Investigation of Stigmatization Appraisal, Coping and Health in a Sample of Exotic Dancers	Katherine Gaulke	Texas A&M University	Psychology		
2003-2004	\$ 7,445.00	Assessing the Relationship between Organization Policy and Practice Measures and Injury Outcome Measures	Shelley Kersten	UTHealth School of Public Health	Occupational & Environmental Health		
2003-2004	\$ 10,000.00	Quantitative Evaluation of 254 nm Ultraviolet Susceptibility of Coronavirus Aerosols at Different Relative Humidity	Gwangpyo Ko	UTHealth School of Public Health	Exposure Assessment		
2003-2004	\$ 9,943.00	The Burden of Occupational Disease and Injury in Region VI	Deborah Nelson	University of Oklahoma	Occupational Health		
2003-2004	\$ 8,892.00	Rotational Force Production Capabilities for Valve Actuation	Lawrence Schulze	University of Houston	Industrial Engineering		
2003-2004	\$ 10,000.00	Protecting Industrial Workers from Extraordinary Events	Jeffrey Seigel	University of Texas at Austin	Psychology		
2002-2003	\$ 10,000.00	Health Effects of Environmental Exposure to Stachbotrys Chartarum in Mice	Sarah Bubeck-Martinez	UTHealth School of Public Health - San Antonio	Immunology		
2002-2003	\$ 20,000.00	Arsenic-induced changes of gene expression in lung cells	Lin Liu	Oklahoma State University	Physiological Sciences		
2002-2003	\$ 10,000.00	Nitric Oxide Catabolism in Irritant and Allergic Induces Asthma	Brett Perkison	UTHealth School of Public Health	Occupational Asthma		
2002-2003	\$ 16,529.00	The Nature, Prevalence, and Health-related Effects of Stress on Medically Uninsured and Underinsured Farmworkers in East Texas	Robin Rager	Texas Woman's University	Health Studies		
2002-2003	\$ 10,000.00	The Use of Dust Wipe Samples to Assess Pesticide Exposure in Farmworker while Migrating	Eva Shipp	UTHealth School of Public Health	Agricultural Health		
2002-2003	\$ 9,940.00	Determination of the Combined Effects of Various Particulates with Stress Hormones on the Th1/Th2 Cytokine Balance Stress on the Clinical Course of Asthma Patients	Grant Woodard	UTHealth School of Public Health	Internal Medicine		
2001-2002	\$ 9,778.00	Workplace Violence: Are Some Nurses More Vulnerable?	Cheryl Anderson	University of Texas at Arlington	Nursing		
2001-2002	\$ 10,000.00	Development of Methods to Detect Airborne Mycotoxins	Trevor Brasel	Texas Tech University Health Sciences Center	Exposure Assessment		

FY	Funded	Project Title	Principal Investigator	Institution	Knowledge Area	NORA Sector	Total Worker Health® Issues
2001-2002	\$ 10,000.00	A Systematic Analysis of the Inflammatory Response Mediated by Various Organic Dusts in Central Texas	Renee Massengale	Baylor University	Biology		
2001-2002	\$ 9,785.00	Dynamic Leakage from Laboratory Safety Hoods: Measurement and Control	Ju-myon Park	Texas A&M University	Nuclear Engineering		
2001-2002	\$ 9,938.50	An Investigation of Indoor Air Quality in Texas Elementary Schools: Identifying Best Building Practices and Establishing Benchmarks	Mark Sanders	University of Texas at Austin	Allergy		
2001-2002	\$ 10,000.00	Exposure assessment of phthalates in commercial fishermen and their families from Calhoun County, Texas	Patricia Tee	UTHealth School of Public Health	Epidemiology		
2001-2002	\$ 10,000.00	Role of Nitric Oxide and Astroglia in Manganese Neurotoxicity	Ronald Tjalkens	Texas A&M University	Veterinary Medicine		
2001-2002	\$ 10,000.00	Integrated Personal Exposure to Genotoxic and Carcinogenic Air Pollutants and DNA Damage or Outdoor Workers from two Mexican Cities	Jose Tovalin-Ahumada	UTHealth School of Public Health	Occupational Cancer		
2000-2001	\$ 10,000.00	Aging Effects Related to the Biomechanical Parameters of Slips and fall	Jeffrey Brewer	Texas Tech University	Ergonomics		
2000-2001	\$ 6,970.00	Field Calibration of Diffusive Dosimeters	John Cross	UTHealth School of Public Health	Exposure Assessment		
2000-2001	\$ 9,624.00	Investigation and Analysis of Pesticide Residues in Education Facilities (Pre-K to 5) in Review of Integrated Post Management Practices	Torey Nalborne	University of Texas Health Science Center at Tyler	Civil Engineering		
2000-2001	\$ 8,804.00	Clearing the Air: A Model for Investigating Indoor Air Quality in Texas Schools	Sharon Patronella	University of Texas Medical Branch	Exposure Assessment		
2000-2001	\$ 10,000.00	Development of Methodology in Biomechanical Simulation of Manual Lifting	Yanxin Zhang	Texas Tech University	Ergonomics		
1999-2000	\$ 9,933.00	Validation of an Occupational Asthma Questionnaire for use in Health Workers: A Pilot Study	Rod Arif	UTHealth School of Public Health	Occupational Asthma		
1999-2000	\$ 9,818.64	Using Fault Tree Analysis to Identify Causes of Non-Compliance: Enhancing Violation Outcome Data for the Purposes of Education and Prevention	Robert Emery	UTHealth School of Public Health	Occupational Health		
1999-2000	\$ 10,000.00	Environmental Exposures in the Panama Canal Zone	Tracie Gardner	UTHealth School of Public Health	Occupational Health		
1999-2000	\$ 9,725.00	Effect of Ionizing Radiation on Structure and Function of Skin	Donald Godwain	University of New Mexico Health Sciences Center	Pharmaceutics		