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Title	Principal Investigator	Institution	Grant Number
A Novel Regulation of the Phase II Enzyme Estrogen Sulfotransferase	xie, wen	University Of Pittsburgh At Pittsburgh	R01ES023438
Asbestos fate, exposure, remediation, and adverse health effects	blair, ian alexander	University Of Pennsylvania	P42ES023720
CENTER OF EXCELLENCE IN ENVIRONMENTAL TOXICOLOGY	penning, trevor m	University Of Pennsylvania	P30ES013508
Cancer induction in the ovary by an environmental pollutant, dibenzo[a,l]pyrene	chen, kun-ming	Pennsylvania State Univ Hershey Med Ctr	R21ES020411
Countermeasure Therapeutics for Acute Lung Injury	leikauf, george douglas	University Of Pittsburgh At Pittsburgh	R21ES027390
DNA damage recognition by nucleotide excision repair proteins	van houten, bennett	University Of Pittsburgh At Pittsburgh	R01ES019566
Data integration for global population health through dynamic models	van panhuis, willem gijsbert	University Of Pittsburgh At Pittsburgh	K01ES026836
Deciphering the mechanisms of PARP1 activity in telomere integrity	fouquerel, elise	University Of Pittsburgh At Pittsburgh	K99ES027028
Dysfunctional Muscle Remodeling and Regeneration in Environmental Disease	ambrosio, fabrisia	University Of Pittsburgh At Pittsburgh	R01ES025529
EU-US Workshop 'Nucleotide excision repair and crosslink repair - from molecules to mankind'	van houten, bennett	University Of Pittsburgh At Pittsburgh	R13ES027744
Early life vitamin D levels and risk of autism spectrum disorders	lee, brian kane	Drexel University	R21ES023760
Ebola and Infectious Disease Training for Union and Immigrant Workers at Risk	frederick, james s	Steelworker Charitable/Educational Org	UH4ES027003
Environment and Gene Effects on Brain and Behavior	schneider, jay s	Thomas Jefferson University	R01ES015295
Epigenetic and phenotypic effects of arsenic: impacts on cognition and AD	lefterov, iliya	University Of Pittsburgh At Pittsburgh	R01ES024233
Functional Genomics of Chemical-Induced Acute Lung Injury	leikauf, george douglas	University Of Pittsburgh At Pittsburgh	U01ES015675

Genotoxicity and Repair of Tobacco-Specific Nitrosamine DNA Adducts	spratt, thomas e.	Pennsylvania State Univ Hershey Med Ctr	R01ES021762
INGOT: a family of statistical computing algorithms for hypothesis-driven imaging genomic and longitudinal neuroimaging analysis	schmitt, james e	University Of Pennsylvania	K01ES026840
Integrated In Vitro and Alternative Ocular (IIVAO) Irritation Testing Strategy	degeorge, george l.	Mb Research Laboratories, Inc.	R44ES024052
Lead exposure, externalizing behavior, and neurobiological mediating factors	liu, jianghong	University Of Pennsylvania	R01ES018858
Mechanisms of Telomere Resistance to DNA Lesion Removal	opresko, patricia l	University Of Pittsburgh At Pittsburgh	R01ES022944
Mechanisms of arsenic-induced muscle morbidity and reduced regenerative capacity	barchowsky, aaron	University Of Pittsburgh At Pittsburgh	R01ES023696
Mechanisms that mediate the link between lead exposure and child behavior problem	liu, jianghong	University Of Pennsylvania	K02ES019878
Molecular Mechanism of Arsenic Carcinogenesis	jiang, binghua	Thomas Jefferson University	R01ES020868
MtDNA damage as a biomarker for environmental mitochondrial toxicity	greenamyre, j timothy	University Of Pittsburgh At Pittsburgh	R01ES020718
Novel Methods to Identify Momentary Risk States for Stress & Physical Inactivity	coffman, donna lynn	Temple Univ Of The Commonwealth	K01ES025437
Optimized Metabolite Extraction, Separation, and Identification for Metabolomics	patterson, andrew	Pennsylvania State University-Univ Park	R01ES022186
Oxygenated Species of Cardiolipins as Biomarkers of Mitochondrial Dysfunction	tyurina, yulia y	University Of Pittsburgh At Pittsburgh	R01ES020693
Paternal exposure to dioxins and offspring sex ratio distortion	gerton, george l.	University Of Pennsylvania	R21ES024527
Pathogenic mechanisms of gene-environment interactions in Parkinson's disease	burton, edward alan	University Of Pittsburgh At Pittsburgh	R01ES022644
Placental molecule secretions measured in early pregnancy are targets of endocrine disruption and are indicators of sex-specific fetal development.	adibi, jennifer joan	University Of Pittsburgh At Pittsburgh	R56ES025728
Prenatal Antimicrobial Agent Exposure, Fetal Androgens and ASD Risk	newschaffer, craig j	Drexel University	R21ES025559

Prenatal biomarkers of exposure and individual susceptibility to endocrine disrupting compounds	snyder, nathaniel w.	Drexel University	K22ES026235
Promoter Regulation in Response to Environmental Stress	pugh, b franklin	Pennsylvania State University-Univ Park	R01ES013768
Protein kinase C and lung carcinogenesis	kazanietz, marcelo g.	University Of Pennsylvania	R01ES026023
RAGE as an upstream activator of the Th2 inflammatory immune response in asthma	oczypok, elizabeth a	University Of Pittsburgh At Pittsburgh	F30ES024045
ROS driven mitochondrial-telomere dysfunction during environmental stress	van houten, bennett	University Of Pittsburgh At Pittsburgh	R21ES025606
Regulation of the Ah Receptor	perdew, gary h.	Pennsylvania State University-Univ Park	R01ES004869
Replication fork dynamics and repair by Rad51 paralogues after DNA alkylation	bernstein, kara a	University Of Pittsburgh At Pittsburgh	R01ES024872
Retinal Imaging with Optical Coherence Tomography as a Biomarker for Manganese Neurotoxicity	schneider, jay s	Thomas Jefferson University	R21ES024884
Selective Ah Receptor Ligands Repress Acute-Phase Response	perdew, gary h.	Pennsylvania State University-Univ Park	R01ES019964
Selective inhibitors of ubiquitin E3 ligase to treat high cholesterol	sterner, david e	Progenra, Inc.	R44ES025600
Steer and trees summer research programs	field, jeffrey m	University Of Pennsylvania	R25ES021649
Studies of mTORC2 signaling in non-melanoma skin cancer	feehan, robert p	Pennsylvania State Univ Hershey Med Ctr	F31ES026471
Study of the mitochondrial-cellular response to environmental stress by fluorescence imaging	hajnoczky, gyorgy	Thomas Jefferson University	R21ES025672
The Role of Mono-ADP-Ribosylation by PARP14 in Radioresistance	moldovan, george lucian	Pennsylvania State Univ Hershey Med Ctr	R01ES026184
Training At-Risk Industrial, Telecommunication and Immigrant Workers on How to Protect Themselves from Exposure to Hazardous Materials and Hazardous Waste Products	frederick, james s	Steelworker Charitable/Educational Org	U45ES006175
Training DOE Nuclear Complex Workers and Near-by Community Members on How to Protect Themselves from Exposure to Hazardous Materials and Hazardous Waste Products	frederick, james s	Steelworker Charitable/Educational Org	UH4ES009761
Transgenerational effects of endocrine disruptors: epigenetics and physiology	bartolomei, marisa s.	University Of Pennsylvania	R01ES023284

