



**NCER Funded
Science to Achieve Results (STAR)
Research Projects:
Air Pollution**



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH

 **Office of Research and Development**
U.S. Environmental Protection Agency

Tabular Query Results of NCER Program and Solicitation Information

30 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date
1	R826708	Children's Susceptibility to Air Pollution	Children's Environmental Health Center, University of Southern California	Dr. Henry Gong, Jr., MD, Frank Gilliland, MD, PhD	Chris Saint	EPA \$3.3M NIESH \$3.3M	1998-2002
2	R827027	Research on Asthma	Columbia Center For Children's Environmental Health, Columbia University	Dr. Frederica Perera	Chris Saint	EPA \$3.6M NIESH \$3.6M	1998-2002
3	R825265	Ultrafine Particles in Urban and Respiratory Health Among Children with Respiratory Symptoms	Harvard University	Joel Schwartz	Deran Pashayan	\$196,185	December 2, 1996 - December 1, 1999
4	R826724	The Relationship Of Airborne Pollutants And Allergens To Asthma Morbidity	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University	Dr. Peyton Eggleston , MD; Jouni Jaakkola M.D., Ph.D.	Chris Saint	EPA \$3.6M NIESH \$3.6M	1998-2002
5	R826711	Chemokines in the Pathogenesis of Asthma (Asthma Chemokines)	Michigan Center for the Environment & Children's Health (MCECH), University of Michigan	Barbara Israel, DrPH, MPH, Dr. Daniel Remick, MD	Chris Saint	EPA \$3.3M NIESH \$3.3M	1998-2002
6	R826724	Mechanisms Of Particulate-Induced Allergic Asthma	The Johns Hopkins University	Dr. Peyton Eggleston , MD; Marsha Wills-Karp, Ph.D.	Chris Saint	EPA \$3.6M NIESH	1998-2002

			Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University			\$3.6M	
7	U915394	Comprehensive, Multidisciplinary Assessment of Children's Personal, Outdoor, and Indoor Exposure to Particulate Matter in Southern California	University of California, Los Angeles, School of Public Health	Derek G. Shendell	none	none	none
8	R825266	Air Pollution and Hospital Admissions in Washington State	Fred Hutchinson Cancer Research Center	Suresh H. Moolgavkar	Deran Pashayan	\$420,056	October 1, 1996 - September 30, 1999
9	R827027	Community-Based Intervention: Reducing Risks of Asthma	Columbia Center For Children's Environmental Health, Columbia University	Dr. Frederica Perera	Chris Saint	EPA \$3.6M NIESH \$3.6M	1998-2002
10	R826779	Particulate Air Pollution and Initiation of Asthma	Harvard University	Lester Kobzik, Petros Koutrakis, Stephanie Shore, Beatriz Gonzalez-Flecha	Deran Pashayan	\$557,340	October 1, 1998 - September 30, 2001
11	R826708	Children's Exposure to Environmental Tobacco Smoke: Changes in Allergic Response	Children's Environmental Health Center, University of Southern California	Dr. Henry Gong, Jr., MD, Dr. David Diaz-Sanchez	Chris Saint	EPA \$3.3M NIESH \$3.3M	1998-2002
12	R826708	Asthma in Children: A Community-based Intervention Project	Children's Environmental Health Center, University of Southern California	Dr. Henry Gong, Jr., MD, Craig Jones, M.D. and Rob McConnell, M.D.	Chris Saint	EPA \$3.3M NIESH \$3.3M	1998-2002
13	R826711	Multi-component Intervention Study of Asthma in Children from Rural Communities	The Etiology and Pathogenesis of Airway Disease in Children from Rural Communities, University of Iowa	Dr. David Schwartz, MD, MPH, James Merchant, MD, DrPH	Chris Saint	EPA \$3.1M NIESH \$3.1M	1998-2002
14	R827442	Increased Vulnerability of Neonates to	University of California, Davis	Michelle V. Fanucchi (mvfanucchi@ucdavis.edu), Charles G. Plopper, Alan R.	Chris Saint	\$374,543	October 1, 1999 - September

		Naphthalene and Its Derivatives		Buckpitt			30, 2002
15	R827446	Using Biomarkers of Exposure and Neurobehavioral Test Batteries to Assess Children's Neurological Vulnerability to Residential Exposure to Tetrachloroethene (Perc).	New York State Department of Health	Judith S. Schreiber, Ph.D. (jss05@health.state.ny.us), Wanda Lizak Welles, Ph.D., Stephen M. Levin, M.D., Kenneth Aldous, Ph.D.,	Chris Saint	\$610,790	October 1, 1999 to September 30, 2002
16	R825813	School-Based Study of Complex Environmental Exposures and Related Health Effects in Children Part A - Exposure	University of Minnesota	K. Sexton, J. Adgate, I. Greaves, T. Church, G. Ramachandran	Chris Saint	\$899,264	March 1, 1998 - March 1, 2001
17	R827444	Study of Exposure and Body Burden of Children of Different Ages to Pesticides in the Environment	Research Triangle Institute	J. H. Raymer [Jraymer@RTI.ORG] (P.I.), Research Analytical Chemist, RTI; G.Akland, Principal Scientist, RTI; T. Wilcosky, Epidemiologist, RTI; E. D. Pellizzari, Analytical Biochemist, C. A. Clayton, Principal Scientist, RTI.	Chris Saint	\$819,063	September 1, 1999 - August 31, 2002
18	R826777	Long-Term Morbidity and Mortality Related to Exposures to Particulate Matter and Associated Air Pollutants	University of Arizona	Michael Lebowitz, M.K. O'Rourke	Deran Pashayan	\$363,426	October 1, 1998 - September 30, 2001
19	R826724	A Randomized, Controlled Trial of Home Exposure Control in Asthma	The Johns Hopkins University Center For The Asthmatic Child in the Urban Environment; Johns Hopkins University	Dr. Peyton Eggleston , MD; Peyton A. Eggleston, M.D.	Chris Saint	EPA \$3.6M NIESH \$3.6M	1998-2002
20	R827027	Growth and Development: Prenatal Exposure PAH	Columbia Center For Children's Environmental Health, Columbia University	Dr. Frederica Perera	Chris Saint	EPA \$3.6M NIESH \$3.6M	1998-2002
21	R826709 A	Community Based Intervention to Reduce Pesticide	University of California at Berkeley	Dr. Brenda Eskenazi, Ph.D., Jim Meyers, EED	Chris Saint	EPA \$3.1M NIESH	1998-2002

		Exposures to Young Children	Center for Research on the Exposures and Health of Farm Worker Children in California			\$3.1M	
22	R826711	Indoor and Outdoor Air Contaminant Exposures and Asthma Aggravation Among Children (Asthma Exposure)	Michigan Center for the Environment & Children's Health (MCECH), University of Michigan	Barbara Israel, DrPH, MPH, Dr. Tom Robbins, MD	Chris Saint	EPA \$3.3M NIESH \$3.3M	1998-2002
23	R827443	Vulnerability of Young Children to Organophosphate Pesticides and Selected Metals Through Intermittent Exposures in Yuma County, Arizona	The University of Arizona, (1) Western Arizona Health Education Center (2), Battelle Memorial Institute (3), EOHSI at the R. W Johnson Medical Center/Rutgers University (4)	M. K. O'Rourke, (1) Ph.D. (maryk@hrp.arizona.edu), M.D. Lebowitz, (1) Ph.D.; A. Aguirre (2) M. S., M. Nishioka (3) M.S., N. C. Freeman (4) Ph.D. M.P.H.	none	\$712,313	May 1, 1999 through April 20, 2002
24	U91-5425	Pesticide chlorpyrifos (Dursban(r))	Duke University Medical Center, Dept. of Pharmacology	Kristina Dam	Karen Morehouse	34,000	9/1/98
25	R825170	Assessing Levels of Organophosphorus Insecticides Which Could Expose Children From Pets Treated with Flea Control Insecticides	Mississippi State University	Janice E. Chambers, John Tyler, and J. Scott Boone	Chris Saint	\$597,804	October 1, 1996 - September 30, 1999
26	R827440	Ingestion of Pesticides by Children in an Agricultural Community on the U.S./Mexico Border	University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School, Environmental and Occupational Health Sciences Institute	Stuart L. Shalat, Sc.D. (shalat@eohsi.rutgers.edu), Natalie C.G. Freeman, Ph.D., Brian T. Buckley, Ph.D., Mark Robson, Ph.D. (EOHSI), James A. Calvin, Ph.D., Kirby C. Donnelly, Ph.D., (TAMU), Deliana Garcia (MCN)	Chris Saint	\$710,231	10/1/99 to 9/30/02
27	R827447	Mechanisms of Age-dependent	Harvard School of Public	Stephanie Shore, Ph.D (sshore@hsph.harvard.edu)	Chris Saint	\$852,937	July 1999 - June 30,

		Ozone Induced Airway Dysfunction	Health				2002
28	R826789	Health Effects of HAPs Among Inner Urban School Children	School of Public Health, University of Minnesota	Ian Greaves, Ken Sexton, Timothy Church, and John Adgate	Deran Pashayan	\$633,044	October 1, 1998 - September 30, 2001
29	R825815	Effect of Inhaled Acid-Coated Particles on Alveolar Macrophage Function: Genetic Susceptibility	Johns Hopkins University	Steven R. Kleeberger and George J. Jakab	Chris Saint	\$561,577	October 1, 1997 - September 30, 2000
30	R826786	Characterization of Factors Determining Personal Exposure to Volatile Air Toxics in Urban Environments	University of Oklahoma Health Sciences Center	N.A. Esmen, T.A. Hall, D.L. Johnson, and M.L. Phillips	Deran Pashayan	\$559,352	October 1, 1998 - September 30, 2001

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((air pollution <or> PM <or> toxics <or> allergens) <and> (children <or> infants <or> adolescents <or> babies <or> teens <or> pregnant <or> fetus <or> neonat* <or> prenatal <or> postnatal) <and> <not> (R827441 <or> R825410 <or> R828292 <or> R825386 <or> R827445 <or> R826130 <or> R827402))

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