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#	Add/ Remove Selection	Identifier	Abstract	Principal Investigator	Annual/ Final Reports	Pubs Count	Institution	Grant Representative	Grant Amount	Project Period
<< STAR GRANTS AND STAR CENTERS >>										
1	<input type="checkbox"/>	R834799	Multi-Scale Assessment of Centers - Main center abstract - The Southeastern Center for Air Pollution and Epidemiology: Multiscale Measurements and Modeling of Mixtures	Tolbert, Paige Russell, Armistead G.			Emory University,Georgia Institute of Technology	Hunt, Sherri	\$7,999,779	October 2010 - September 2015
2	<input type="checkbox"/>	R834799C004	A Five-City Time-Series Study of Pollutant Mixtures and Acute Morbidity - This is a subproject of the The Southeastern Center for Air Pollution and Epidemiology: Multiscale Measurements and Modeling of Mixtures	Sarnat, Stefanie Ebel Bilonick, Richard Darrow, Lyndsey Klein, Mitchel Mulholland, James Russell, Armistead G. Talbot, Evelyn Tolbert, Paige Winquist, Andrea			Emory University,Georgia Institute of Technology	EPA Project Officer(s) for The Southeastern Center for Air Pollution and Epidemiology: Multiscale Measurements and Modeling of Mixtures	Refer to main center abstract for 2015 funding details.	October 2010 - September 2015
								Grant Number R834799:	Hunt, Sherri	
3	<input type="checkbox"/>	R834799C003	Novel Estimates of Pollutant Mixtures and Pediatric Health in Two Birth Cohorts - This is a subproject of the The Southeastern Center for Air Pollution and Epidemiology: Multiscale Measurements and Modeling of Mixtures	Strickland, Matthew Darrow, Lyndsey Davis, Robert Guensler, Randy Klein, Mitchel Liu, Yang Mulholland, James Russell, Armistead G. Waller, Lance			Emory University,Georgia Institute of Technology	EPA Project Officer(s) for The Southeastern Center for Air Pollution and Epidemiology: Multiscale Measurements and Modeling of Mixtures	Refer to main center abstract for 2015 funding details.	October 2010 - September 2015
								Grant Number R834799:	Hunt, Sherri	
4	<input type="checkbox"/>	R834281	Regional Air Quality	Russell, Armistead G.	2009	Total Pubs: 2	Georgia Institute of	Dawson, John P	\$599,963	October

	Grant	Management Aspects of Global Change: Impact of Climate-Responsive Controls and Forest Management Practices on Regional Air Quality and Associated Uncertainties	Amar, P. Bergin, Michelle S. Graham, John Nenes, A. Wang, Y. T.		-- No Journals -- -- No Books --	Technology, N / A, NESCAUM			2009 - September 2012	
5	<input type="checkbox"/>	R833866 Grant	Improving Particulate Matter Source Apportionment for Health Studies: A Trained Receptor Modeling Approach with Sensitivity, Uncertainty and Spatial Analyses	Russell, Armistead G. Klein, Mitchel Marmur, Amit Mulholland, James Sarnat, Jeremy Sarnat, Stefanie Ebel Tolbert, Paige	<u>2009</u>	Total Pubs: <u>2</u> Journals: <u>1</u> -- No Books --	Georgia Institute of Technology , Emory University	Hunt, Sherri	\$899,956	December 2008 - November 2012
6	<input type="checkbox"/>	R833626 Grant	Development and Assessment of Environmental Indicators: Application to Mobile Source Impacts on Emissions, Air Quality and Health Outcomes	Russell, Armistead G. Klein, Mitchel Mulholland, James Sarnat, Jeremy Sarnat, Stefanie Ebel Tolbert, Paige Pachon, Jorge	<u>2008</u> <u>2009</u>	Total Pubs: <u>4</u> Journals: <u>2</u> -- No Books --	Georgia Institute of Technology , Emory University	Louie, Nica	\$499,512	October 2007 - September 2010
7	<input type="checkbox"/>	R832276 Grant	Interaction of Ecosystems, Fires, Air Quality and Climate Change in the Southeast	Wang, Yuhang Liu, Yongqiang Russell, Armistead G. Tian, Hanqin	<u>2005</u> <u>2006</u> <u>2007</u> <u>Final</u>	Total Pubs: <u>50</u> Journals: <u>12</u> Books: <u>2</u>	Georgia Institute of Technology , Auburn University Main Campus, USDA Forest Service	Bloomer, Bryan	\$749,047	April 2005 - March 2009
8	<input type="checkbox"/>	R832159 Grant	Integrated Source/Receptor-Based Methods for Source Apportionment and Area of Influence Analysis	Russell, Armistead G. Odman, M. Talat	<u>2005</u> <u>2006</u> <u>2007</u> <u>Final</u>	Total Pubs: <u>47</u> Journals: <u>20</u> -- No Books --	Georgia Institute of Technology	Winner, Darrell	\$444,899	December 2004 - December 2007
9	<input type="checkbox"/>	R831838 Grant	Air Quality, Emissions, Growth and Change: A Method to Prescribe a Desirable Future	Chang, Michael E. Carpenter, Ann Chapman, James Noonan, Douglas Russell, Armistead G. Akhtar, Farhan Weber, Ed Chirico, Jennifer M	<u>2005</u> <u>2006</u> <u>2007</u>	Total Pubs: <u>11</u> -- No Journals -- -- No Books --	Georgia Institute of Technology , Lawrence Frank and Company, Inc.	Bloomer, Bryan	\$650,000	December 2004 - November 2007
10	<input type="checkbox"/>	R831076 Grant	Emissions Inventory and Process Reconciliation Using Molecular Markers and Hybrid/Inverse Photochemical Modeling with Direct Sensitivity Analysis	Russell, Armistead G. Odman, M. Talat Zheng, M.	<u>2004</u> <u>2005</u> <u>2006</u> <u>2007</u> <u>Final</u>	Total Pubs: <u>66</u> Journals: <u>27</u> -- No Books --	Georgia Institute of Technology	Winner, Darrell	\$449,899	November 2003 - October 2006
11	<input type="checkbox"/>	R830960 Grant	Sensitivity and Uncertainty Assessment of Global Climate Change Impacts on Ozone and Particulate Matter: Examination of Direct and Indirect, Emission-Induced Effects	Russell, Armistead G. Amar, P. Kleiman, G. Miller, R. Odman, M. Talat Prinn, Ronald G. Reilly, John Wang, C. H.	<u>2003</u> <u>2004</u> <u>2005</u> <u>Final</u>	Total Pubs: <u>40</u> Journals: <u>20</u> -- No Books --	Georgia Institute of Technology , Massachusetts Institute of Technology, Northeast States for Coordinated Air Use Management	Winner, Darrell	\$899,494	March 2003 - March 2006
12	<input type="checkbox"/>	R829213 Grant	Multiple Pollutants and Risk of Emergency Department Visits	Tolbert, Paige Flanders, Dana	<u>2002</u> <u>2003</u>	Total Pubs: <u>90</u> Journals: <u>12</u>	Emory University , Rollins School of Public Health	Glenn, Barbara	\$1,238,940	January 2002 -

<u>for Cardiorespiratory</u>	Klein, Mitchel		-- No Books --	December
<u>Outcomes in Atlanta</u>	Lyles, Robert	<u>2005</u>		2004
	Mulholland, James	<u>2006</u>		
	Russell, Armistead G.			
	Ryan, P. Barry	<u>Final</u>		
	Todd, Knox			
	Waller, Lance			
	Metzger, Kristina			
	Peel, Jennifer			
	Sarnat, Jeremy			
	Sarnat, Stefanie Ebelt			

13	<input type="checkbox"/>	R826371	<u>Research Consortium on</u>	Seinfeld, John	<u>Final</u>	Total Pubs: <u>40</u>	California Institute of	Shapiro, Paul	\$2,999,210	April 1998
		<u>Centers</u>	<u>Ozone and Fine Particle</u>	Arey, Janet		Journals: <u>40</u>	Technology, Carnegie Mellon			-
			<u>Formation in California and in</u>	Atkinson, Roger		-- No Books --	University, Carnegie Mellon			April 2003
		- Main center abstract	<u>the Northeastern United States</u>	Bhave, Prakash			University (CSIR/EPP)			
		- Research		Bozzelli, Joseph W.			(RCoOaFPFiCaitNUS), Georgia			
		Consortium on Ozone		Cass, Glen			Institute of Technology, New			
		and Fine Particle		Dabdub, Donald			Jersey Institute of			
		Formation in California		Davidson, Cliff I.			Technology, Oregon Graduate			
		and in the		Kleeman, Michael J.			Institute of Science &			
		Northeastern United		Pandis, Spyros N.			Technology, University of California			
		States		Pankow, James F.			- Irvine, University of California -			
				Prather, Kimberly A.			Riverside			
				Russell, Armistead G.						
				- Principal Investigators listed are sub-PIs determined by the center.						
14	<input type="checkbox"/>	R826372	<u>Southern Center For the</u>	Chameides, William L.	<u>1999</u>	Total Pubs: <u>42</u>	Georgia Institute of Technology	Shapiro, Paul	\$3,000,000	April 1998
		<u>Grant</u>	<u>Integrated Study of Secondary</u>	McMurry, Peter H.	<u>Final</u>	Journals: <u>18</u>				-
			<u>Air Pollutants (SCISSAP)</u>	Russell, Armistead G.		Books: <u>1</u>				March
				Zika, Rod G.						2001
15	<input type="checkbox"/>	R825821	<u>Cost-benefit and Uncertainty</u>	Krupnick, Alan J.	<u>1999</u>	Total Pubs: <u>18</u>	Resources for the	Clark, Matthew	\$300,000	October
		<u>Grant</u>	<u>Analysis for Ambient Ozone</u>	Russell, Armistead G.	<u>2001</u>	-- No Journals --	Future, Georgia Institute of			1997 -
			<u>Reductions: Development and</u>	Shih, Jhih-Shyang		-- No Books --	Technology			September
			<u>Demonstration of an Integrated</u>	Bergin, Michelle S.	<u>Final</u>					2000
			<u>Model and Framework</u>							

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