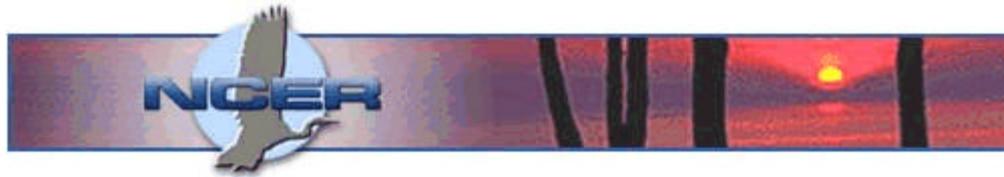




**NCER Funded
Science to Achieve Results (STAR)
Research Projects:**

Region 4 - Georgia Institute of Technology Grant List



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH

Office of Research and Development
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Tabular Query Results of NCER Program and Solicitation Information

25 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date
1	none	Workshop: "I Gave Them their Solution: Why Aren't They Using It?"	SOUTH AND SOUTHWESTERN HSRC	Huff, Davis, McElvaney	none	none	none
2	R82-1340	Numerical Simulation of Turbulent Dispersion and Relative Diffusion	Georgia Institute of Technology	P. K. Yeung	none	\$174,028	2 years
3	none	Remediation of TNT-Contaminated Soil by Cyanobacterial Mat	Atlanta University	M. C. Mondecar Clark	none	none	none
4	R824753	Assessing Compliance Burden for Implementation of Title V Permitting Rules and Regulations	Georgia Institute of Technology	Barry Bozeman	Deborah Hanlon	\$240,000	October 1995 - September 30, 1997
5	R82-0277	Using Cadmium-113 Nuclear Resonance Spectroscopy to Study Cation Binding by Organic Matter	Georgia Institute of Technology	Michael Perdue	none	\$267,273	3 years
6	R825326	Water-Based Coatings via Miniemulsion Polymerization	Georgia Institute of Technology	F. Joseph Schork	Barbara Karn	\$274,984	October 1, 1996 - September 30, 1999
7	U91-5318	Interface strength is a critical parameter in the design of landfills.	Georgia Institute of Technology	Tamara E. Zettler	Delores Thompson	34,000	9/15/98
8	none	Controls on Metal Partitioning in Contaminated Sediments	Georgia Institute of Technology; Skidaway Institute of Oceanography	F. M. Saunders; H. L. Windom, R. A. Jahnke	none	none	none
9	R824995	Integrated Assessment of the Public Health Effects of Climate Change for the United States	Johns Hopkins University, University of Maryland, University of South Florida, Penn State University, Georgia Institute of Technology, USDA, University of Delaware	Jonathan Patz, Hugh Ellis, Rita Colwell, Joan Rose, Anne Fisher, Anne Bostrom, Dana Focks, and Laurence Kalkstein	Barbara Levinson	\$2,700,728	October 1, 1996 - September 30, 1999
10	R825325	Nearcritical Water For Environmentally Benign Chemical Processing	School of Chemical Engineering and Chemistry, Georgia Institute of Technology	C.A. Eckert and C.L. Liotta	Barbara Karn	\$180,000 (EPA share, additional \$180,000 from NSF)	October 1, 1996 - September 30, 1999
11	R824727	High Yield Membrane Reactors	Georgia Institute of Technology	Mary Rezac and Haskell Beckham	Barbara Karn	\$269,999	October 1, 1995 - September 30, 1998
12	R827105	Rapid Assessment of Coral Stress	Georgia Institute of	Terry W. Snell	Clyde Bishop	\$299,273	October 1,

		Using Gene Expression	Technology				1998 - October 1, 2001
13	R826216	Hydrodynamics of Initial Mixing Zones of Wastewater Discharges	Georgia Institute of Technology	Philip J.W. Roberts	Bala Krishnan	\$277,643	October 1, 1997 September 30, 2000
14	R826772	Improved Photolytic Rate Measurements at PAMS Sites	Georgia Institute of Technology	Michael O. Rodgers and James R. Pearson	Deran Pashayan	\$168,930	March 22, 1999 - March 21, 2001
15	U915318	The Influence of Shear and Strain-Induced Changes in Surface Topography on Interface Strength	Georgia Institute of Technology	Tamara E. Zettler	none	none	none
16	R825409	Investigation of the Entrapment and Surfactant Enhanced Recovery of Nonaqueous Phase Liquids in Heterogeneous Sandy Media	University of Michigan; Georgia Institute of Technology; Auburn University	Linda M. Abriola, Kurt D. Pennell, and Jacob H. Dane	Bill Stelz	\$449,938	November 1, 1996 - October 31, 1999
17	U915199	Genetic Algorithms in the Environmentally-Conscious Design of A Softwood Kraft Pulp Bleach Plant	Georgia Institute of Technology	John M. Clayton	none	none	none
18	R825758	Community Values and the Long-term Ecological Integrity of Rapidly Urbanizing Watersheds	University of Georgia , The Georgia Institute of Technology	M. B. Beck, T. C. Rasmussen, B. C. Patten, K. G. Porter, B. Norton , A. Shepherd	Barbara Levinson	\$849,999	June 1, 1998 - May 31, 2001
19	none	The Application of Plant Biotechnology in Bioremediation of Contaminated Sediments	Alabama State University	S.V. Sahi	none	none	none
20	R825210	Assimilation of Remote-Sensing Data Into a Coupled Hydrological/Meteorological Modeling System Using Parallel Techniques	Supercomputing Center of NC; Georgia Institute of Technology	John McHenry and Christa Peters-Lidard	Chris Saint	\$583,414	December 2, 1996 - December 1, 1999
21	R825821	Cost-benefit and Uncertainty Analysis for Ambient Ozone Reductions: Development and Demonstration of an Integrated Model and Framework	Resources for the Future, Georgia Institute of Technology	Jhieh-Shyang Shih, Alan J. Krupnick, Armistead G. Russell	Deborah Hanlon	\$300,000	October 1, 1997 - September 30, 2000
22	R826371	Research Consortium on Ozone and Fine Particle Formation in California and in the Northeastern United States	California Institute of Technology, University of California at Riverside, New Jersey Institute of Technology, University of California at Irvine, Carnegie-Mellon University, Oregon Graduate Institute of Science and Technology, Georgia Institute of Techno	Glen Cass, Richard Flagan and John Seinfeld; Janet Arey, Roger Atkinson, and Kimberly Prather; Joseph Bozzelli; Donald Dabdub; Cliff Davidson and Spyros Pandis; James Pankow; Armistead Russell	Deran Pashyan	\$3,000,000	April 15, 1998 - April 14, 2001
23	R827028	Development and Evaluation of Modeling Techniques for the Study of Interactions between Urban and Point Source Plumes and Regional Atmospheres in the Formation of Secondary Pollutants	Georgia Institute of Technology and North Carolina State University	M. Talat Odman and D. Scott McRae	Deran Pashayan	\$468,324	January 15, 1999 - January 14, 2002
24	R826372	Southern Center For the Integrated Study of Secondary Air Pollutants (SCISSAP)	Georgia Institute of Technology	William L. Chameides	Deran Pashayan	\$3,000,000	April 1, 1998 - March 31, 2001
25	none	Mobilization and Fate of Inorganic	Georgia Institute of	T. W. Sturm, A.	none	none	none

	Contaminants Due to Resuspension of Cohesive Sediment	Technology	Amirtharajah, and C. L. Tiller		
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