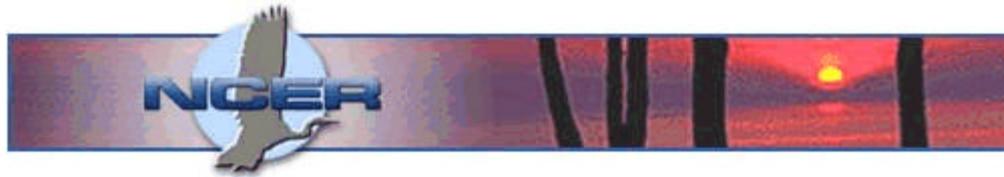


A faded, light blue map of North Carolina is centered in the background of the slide. The map shows the state's outline, including its distinctive shape with a pointed top and a wide base.

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

Region 4 - North Carolina State University Grant List



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH

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

Tabular Query Results of NCER Program and Solicitation Information

18 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Representative	Grant Amount	Proposed Start Date
1	R82-2546	Expression and Functional Roles of the Maize MnSod Multigene Family During Development and Under Environmental Stress	North Carolina State University	John G. Scandalios	none	\$365,970	3 years
2	R82-1613	Soil Invertebrates as Bioindicators of Ecosystem Stress	North Carolina State University	Deborah A. Neher	none	\$288,479	2 years
3	R826129	Metabolic Androgenization of Invertebrates by Endocrine-Disrupting Chemicals	North Carolina State University	Gerald A. LeBlanc	David H. Reese	\$406,155	October 1, 1997 - September 30, 2000
4	U915405	Genetic Consequences of Fragmentation in Fraser Fir Populations	North Carolina State University	Catherine M. Clark	none	none	none
5	R823570	Genetic Improvement of Duckweed Wastewater Treatment	North Carolina State University	Anne Marie Stomp	Clyde Bishop	\$143,962	June 26, 1995 - June 25, 1998
6	R825196	Advancement of Environmental Decision Support Systems Through High Performance Computing Communication	North Carolina State University, MCNC-North Carolina Supercomputing Center	E. Downey Brill, John W. Baugh, S. Ranji Ranjithan, Daniel H. Loughlin and Steven S. Fine, Neil J. M. Wheeler	Chris Saint	\$599,932	October 1, 1996 - September 30, 1999
7	R825248	Surface Levels of Ultraviolet-B Radiation Under Variable Conditions of Tropospheric Air Quality And Cloudiness	North Carolina State University; University of Chicago	V.K. Saxena and J.E. Frederick	Bill Stelz	\$374,702	October 1, 1996 - September 30, 1999
8	GF-95-00234	Assessing the Exposure of Winter Flounder to Genotoxic Compounds in Boston Harbor and Massachusetts Bay by Measuring Carcinogen-DNA Adducts	North Carolina State University	Phanendrakumar Penmetsa	Virginia Broadway	\$24,786	June 1995
9	R825418	Effect of Spatial Heterogeneity on the Natural Bioattenuation of Dissolved Hydrocarbons	North Carolina State University	Morton A. Barlaz and Robert C. Borden	Bill Stelz	\$449,052	October 28, 1999 - October 27, 1999
10	U915179	Investigating Hierarchical Statistical Methods for Physiologically Based Pharmacokinetic Models	North Carolina State University	Amy S. Collins	none	none	none

11	R827580	Closing the Gaps in the Regulation of Municipal Solid Waste Landfills: Defining the End of the Post-Closure Monitoring Period and the Future Stability of Leachate Recirculation Landfills	North Carolina State University	Morton A. Barlaz (barlaz@unity.ncsu.edu) and Mohammed A. Gabr	William G. Stelz	\$145,213	9/13/99 - 9/12/00
12	R826111	Applying Ecological Succession Theory to Evaluate Wetland Restoration in Urbanizing Coastal Watersheds	Joseph W. Jones Ecological Research Center, George Mason University, North Carolina State University, University of Louisville	C.B. Craft, J.P. Megonigal, S.W. Broome and R.J. Stevenson	Barbara Levinson	\$534,239	June 1, 1998 - May 31, 2001
13	R827131	The Effects of Aging and Sorbent Decomposition on the Bioavailability of Toluene and Xylene in Solid Waste	North Carolina State University	Morton A. Barlaz and Detlef R.U. Knappe	Tom Veirs	\$425,000	October 1, 1998 - September 30, 2001
14	U915209	Transforming Growth Factorα (tgfα) in Teleost Fish: Development of A Quantitative Assay for Mrna Expression and Application to A Field Study of Fish Health	North Carolina State University	Craig A. Harms	none	none	none
15	R826739	New Methods for Assessment of Pollution Prevention Technologies: Integration of Probabilistic Process Modeling and Design; Life-Cycle Analysis; and Regional Environmental Benefits Assessment	North Carolina State University	H. Christopher Frey and Morton A. Barlaz	Barbara Karn	\$180,000	October 1, 1998 - September 30, 1999
16	R826790	Probabilistic Modeling of Variability and Uncertainty in Urban Air Toxics Emissions	North Carolina State University	H. Christopher Frey	Deran Pashayan	\$329,425	October 1, 1998 - September 30, 2001
17	R826766	Development and Demonstration of a Methodology for Characterizing and Managing Uncertainties in Emission Inventories	North Carolina State University and MCNC	H. Christopher Frey, Marc Houyoux, Daniel Loughlin, Steven S. Fine, and Hassan K. Karimi	Deran Pashayan	\$553,298	October 1, 1998 - September 30, 2001
18	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

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