

Report Information

Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	1RC1AA019293-01	066470972	2011 / 1	No

Award Recipient Information

Recipient DUNS Number 066470972	Recipient Address 1 107 SAMFORD HALL
Recipient Account Number 381035	Recipient Address 2
Recipient Congressional District 02	Recipient City AUBURN
Parent DUNS Number 066470972	Recipient State AL
Recipient Type 2U.G6.M8.OH.VW	Recipient ZIP Code + 4 368490001
Recipient Legal Name AUBURN UNIVERSITY	Recipient Country USA
Recipient DBA Name	

Project / Award Information

Funding Agency Code 7529	Total Number of Sub Awards less than \$25,000/award 0
Awarding Agency Code 7529	Total Amount Sub Awards less than \$25,000/award 0.00
Program Source (TAS) Code 75-0909	Total Number of Sub Awards to Individuals 0
Sub Account Number for Program Source	Total Amount of Sub Awards to Individuals 0.00
CFDA Number 93.701	Total Number of Payments to Vendors less than \$25,000/award 420
Amount of Award 986258.00	Total Amount of Payments to Vendors less than \$25,000/award 110069.00
Award Date 09/30/2009	
Award Description The purpose of this study is to examine whether the manner in which parents interact with their preschool children and parents' and children's responses to stress, in combination with how they think about stressful social situations, influence the child's health and social adjustment. Responses to stress are being measured with physical responses, including changes in heart rate and stress-hormone levels. We expect that parents and children whose physical responses to pleasant situations are coordinated will be healthier and better socially adjusted. We expect that children with very low physical stress responses will have more problems with aggression, whereas those who have strong physical responses to stress will be more likely to worry or be depressed, and that the predictions will be	

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stronger when the parent and child interpret their own and other people's behavior more negatively or with more hostility.

Project Information

Project Name or Project/ Program Title	Quarterly Activities/ Project Description	Activity Codes (NAICS or NTEE-NPC) (up to 10)
Biopsychosocial factors in economically disadvantaged preschool children's adjustment	We hired staff and trained staff and students to collect data using sophisticated EKG (electrocardiograph)equipment, video recording, interviews with adults and children, teacher reports, and several other methods. We collected data with the first cohort of participants in their community. Most of these families completed the procedures a second time so that we could evaluate stability. The following forms of data were collected: Physiology data from both parent and child [including heart rate (HR), cardiac respiratory sinus arrhythmia (RSA, an index of sympathetic nervous system tone), cardiac pre-ejection period (PEP, an index of sympathetic nervous system activity); skin conductance; and stress hormone levels (specifically, cortisol]; Children's reactions to staged situations (including responses to failure and social problem solving tasks); Parent interviews (including reports of their alcohol and tobacco use,	<p>Activity Code 1 B43 - NTEE</p> <p>Activity Code 2</p> <p>Activity Code 3</p> <p>Activity Code 4</p> <p>Activity Code 5</p> <p>Activity Code 6</p> <p>Activity Code 7</p> <p>Activity Code 8</p> <p>Activity Code 9</p> <p>Activity Code 10</p>

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child health and sleep, child behavior problems, and discipline); Videotapes of parents and children attempting to complete a difficult task and reading together. We have made the transition from collecting parent questionnaires with paper and pencil to computer-assisted data collection in order to increase data security. Currently, we are analyzing the videotapes of the parent-child interactions from the first cohort of participants. We are collecting data with the second cohort of participants, while also continuing to code video records and conduct analyses of data from the first cohort of participants. A paper based on data from the first cohort has been accepted for presentation at the biennial meeting of the Society for Research in Child Development. The paper is titled, "Sympathetic, parasympathetic, HPA-axis activity, and behavior problems among low-income African American Children".

Project Status Completed 50% or more

Total Federal Amount ARRA Funds Received/ Invoiced 607518.49

Number of Jobs 3.09

Description of Jobs Created Faculty, Professional Non-Faculty, Graduate Assistants and Staff Wages

Total Federal Amount of ARRA Expenditure 634184.61

Total Federal ARRA Infrastructure Expenditure 0.00

Infrastructure Purpose and Rationale

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Infrastructure Contact

Name	Street Address 1
Email	Street Address 2
Phone	Street Address 3
Ext	City
	State
	ZIP Code + 4

Primary Place of Performance

Address 1	202 Spidle Hall
Address 2	
City	Auburn University
Country Code	US
State	AL
ZIP Code + 4	36849 - 0001
Congressional District	02

Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name	
Officer 1 Name		Officer 3 Compensation	
Officer 1 Compensation		Officer 4 Name	
Officer 2 Name		Officer 4 Compensation	
Officer 2 Compensation		Officer 5 Name	
		Officer 5 Compensation	

Report Audit Trail

Created By	Cindy Selman
Date Created	04/04/2011 10:10 AM
Last Updated By	Cindy Selman
Last Updated On	04/08/2011 10:57 AM

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Vendor Information

Sub Award Number		Payment Amount	47383.18
Vendor DUNS Number	017185187	Product and Service Description	Lab Equipment
Vendor Name	Mindware Technologies, Ltd		
Vendor HQ ZIP Code + 4	43230 - 6675		

Report Audit Trail

Created By	Cindy Selman
Date Created	04/04/2011 10:10 AM
Last Updated By	Cindy Selman
Last Updated On	04/08/2011 10:57 AM