

Report Information

Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	1RC1AA019293-01	066470972	2011 / 2	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	504
Amount of Award	986258.00	Total Amount of Payments to Vendors less than \$25,000/award	119801.52
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 (fall 2009 ? early 2010). We have collected data from 338 individuals (169 parent-child dyads), with data collection for the second cohort still ongoing (data for 74 parent-child dyads from cohort 2 have been collected thus far). Almost half of these families (n of families = 72) completed the procedures a second time so that we can evaluate stability. The following forms of data were collected: Physiology data from both parent and child (including EKG, heart rate variability, speed of heart contractions, skin conductance, stress hormone levels); Children's reactions to staged situations (including responses to failure and social problem solving tasks); Parent interviews (including reports of their	Activity Code 1 B43 - NTEE Activity Code 2 Activity Code 3 Activity Code 4 Activity Code 5 Activity Code 6 Activity Code 7 Activity Code 8 Activity Code 9 Activity Code 10

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alcohol and tobacco use, child health and sleep, child behavior problems, and discipline); Videotapes of parents and children solving puzzles 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. We have coded videotapes of parent-child interaction for approximately 100 dyads by ratings several dimensions (e.g., synchronous interaction, parental warmth, parental harshness) at 30-second intervals. Adequate inter-judge reliability has been maintained (median = .80). Data entry is approximately up-to-date
We currently 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 was presented at the biennial meeting of the Society for Research in Child Development.

Project Status Completed 50% or more

Total Federal Amount ARRA Funds Received/ Invoiced 705195.43

Number of Jobs 5.67

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

Total Federal Amount of ARRA Expenditure 779287.15

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	07/08/2011 10:43 AM
Last Updated By	Cindy Selman
Last Updated On	07/08/2011 10:43 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		

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