

Report Information				
Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	0905818	066470972	2010 / 2	No

Award Recipient Information	
Recipient DUNS Number 066470972	Recipient Address 1 107 SAMFORD HALL
Recipient Account Number 219041	Recipient Address 2
Recipient Congressional District 02	Recipient City AUBURN
Parent DUNS Number 066470972	Recipient State AL
Recipient Type 2U.95.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 4900	Total Number of Sub Awards less than \$25,000/award 0
Awarding Agency Code 4900	Total Amount Sub Awards less than \$25,000/award 0.00
Program Source (TAS) Code 49-0101	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 47.082	Total Number of Payments to Vendors less than \$25,000/award 1
Amount of Award 116653.00	Total Amount of Payments to Vendors less than \$25,000/award 214.70
Award Date 08/17/2009	
Award Description The proposed research is divided into five parts: (1) Investigate Hausdorff dimension of minimal sets of known counterexamples to the Modified Seifert Conjecture; (2) Investigate periodic orbits and periodic points in neighborhoods of planar adding machines and in neighborhoods of solenoids in the three-dimensional Euclidean space; (3) Prove a special case of the Bounded Total Curvature Conjecture; (4) Study pseudo-solenoids; and (5) Study fixed points in a continuum invariant under an orientation reversing homeomorphism of the plane.	

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Project Information

Project Name or Project/ Program Title	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<p>Quarterly Activities/ Project Description Topical Solutions</p> <p>The graduate student collects data on the math olympiad from countries participating in the International Math Olympiad, studying professional women's involvement in training camps and authorship of problem books for advanced math competitions. The PI continues her research in topology, geometry and dynamics. The PI will be attending math conferences this summer and preparing her work for publication.</p>	<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>
<p>Project Status Less than 50% completed</p> <p>Total Federal Amount ARRA Funds Received/ Invoiced 39359.49</p> <p>Number of Jobs 0.89</p> <p>Description of Jobs Created Graduate Assistant and Faculty</p> <p>Total Federal Amount of ARRA Expenditure 52069.43</p> <p>Total Federal ARRA Infrastructure Expenditure 0.00</p> <p>Infrastructure Purpose and Rationale</p>	

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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	Department of Mathematics and Statistics
Address 2	221 Parker Hall
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

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