

**Madhuri S. Mulekar, Professor of Statistics**  
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Grant and Contract Awards: (a list of selected submissions out of more than 50)

1. 'Pathways to Mathematics', NSF (2011-15), Funded, Co-PI (PI: Green) \$1,446,700.
2. 'Family meal barriers and strategies that promote healthy meals in African-American families', National Center for Minority Health and Health Disparities (NCMHD) (2011-12) Funded, Co-PI (PI: Fruh) \$15,000.
3. 'Mobile initiative: Reducing teen pregnancy through family planning', CDC (2010-14) Funded, Co-PI (PI: Millner) \$607,904.
4. 'Role of Nmi in retarding breast tumor growth' NIH-R01 (2010-14) Funded, Co-PI (PI: Samant) \$930,000.
5. 'Mobile initiative for youth: Community support for adolescent pregnancy prevention' Center for Disease Control (2010) Not funded, Co-PI (PI: Millner) \$607,904.
6. 'USA Pathways to Mathematics' NSF-DUE (2010) Not funded, CO-PI (PI: Green) \$1,339,854.
7. 'South Alabama S-STEM: Preparing students for workforce in science and mathematics', NSF-STEM (2009) Not funded, PI, \$599,500.
8. 'University of South Alabama Center for Environmental Research and Sustainability' NSF-ARI (2009) Not funded Co-PI (PI: Morris) \$6,642,000.
9. 'Coastal and Inland Hurricane Monitoring and Prediction Program' NOAA (2009) Co-PI (PI: Kimball) \$648,300.
10. 'USA Center for Hurricane Intensity and Landfall Research', NOAA (2008) Funded, CO-PI (PI: Kimball) \$505,136.
11. 'Profiling Urine Glycosylation of PSA and other Glyco-Biomarkers in prostate cancer', NIH (2007) Funded, Co-PI (PI: Pannell) \$182,500.
12. 'USA Hurricane Research Center', NOAA National Weather Service, FY06 Congressional Award (2006) Funded, Co-PI (PI: Kimball) \$1,249,872.
13. 'Hurricane Katrina Impact Assessment Planning Grant', EPSCoR (2006) Funded, Co-PI (PI: Steadman) \$50,000.
14. 'Crosstalk between cancer cells and bone via the hedgehog pathway determines bone metastasis', Department of Defense (2006) Funded, Co-PI (PI: Shevde) \$440,000.
15. 'Visiting researchers in mathematical biology and mathematical and statistical modeling', ASSDA (2006) Funded, PI, \$1,500.
16. 'Hurricane Katrina Impact Assessment Planning Grant', EPSCoR (2005) Funded. Co-PI (PI: Steadman) \$100,000.
17. 'Computer Science, Engineering, & Mathematics Research Scholars', NSF, 2004-08, Funded, Co-PI (PI: Foley) \$400,000.
18. 'Computer Science, Engineering, & Mathematics Research Scholars', NSF (2001-04) Funded, Co-PI (PI: Covey) \$270,000.
19. 'A statistical and spatial analysis of death rates in Alabama', ASSDA (2000) Funded, Co-PI (PI: Fearn) \$300.

20. 'Determination of sampling distributions of niche overlap', USARC (2000) Funded, PI, \$1,300.
21. 'Remotely sensed data acquisition for Mobile Bay land-use/land-change study', EPA-ACES (2000-01) Funded, Co-PI (PI: Carpenter) \$29,568.
22. 'Development of graduate and undergraduate fellows as mathematics teacher's resource', NSF (2000) Not funded, PI, \$576,458.
23. 'A lecture series in mathematical & statistical modeling', Professorship Funds (2000-01) Funded, PI.
24. 'Assessment of Impact of Development in Theodore Industrial Area on the Environment', USARC (1999) Funded, Co-PI, \$3,400.
25. 'Using Statistical Tools to Access Community Education Needs', Service Learning Faculty Development (1997-98) Funded, Co-PI, \$750.
26. 'Educational Resources to Enhance Teaching in Introductory Statistics Courses', ASSDA (1996-97) Funded, PI, \$300.
27. 'Development of Statistical Model of Cooling Energy Use as a Function of Weather', U.S. Department of Energy through a joint program of JSU and AGMUS (1995-96) Funded, Co-PI, \$4,650.
28. 'Lecture Series in Mathematical Statistics', Alabama EPSCoR (1994-95) Funded, PI, \$1,200.
29. 'Undergraduate Research Using Statistics', NSF-REU (1994-97) Funded, PI, \$149,738.
30. 'Lecture Series in Mathematical Statistics', Alabama EPSCoR (1993-94) Funded, PI, \$1,390.
31. 'The Current Status of Accountant Liability: Impact Upon Profession and Economy', USARC (1993-94-95), Funded, Co-PI (PI: Segal) \$1,679.
32. 'Undergraduate Research Using Statistics', NSF-REU (1992-93) Funded, PI, \$5,000.