Student Research Directed: (* indicates an undergraduate student)

5. Project ‘Do these waters meet ADEM requirements of water quality?’ Chip Curtis*, **Funded by NSF**, 2008-09.
7. Project ‘Improving approximations to mean and variance of index of dissimilarity’, Andrew Garcia*, 2007 Funded by NSF.
   a. USA/USM mini-conference in Undergraduate Research, 2006, Mobile, AL
   b. Poster presentation at Sigma Xi annual meeting, Detroit, MI, Nov, 2006.
   Received second-place award.
   a. USA/USM mini-conference in Undergraduate Research, 2006, Mobile, AL
   b. Poster presentation at UCUR Research week, 2006, Mobile, AL
15. Project ‘Comparison of relaxation time of crude oil samples from different sources’, Leslie McDonald*, **Funded by NSF**, 2005-06.
20. Project ‘Effects of expansions on stream health’, Gaye Hadley*, **Funded by NSF and MAA**, 2005,
   b. USA Research Council’s 12th Annual research Forum, April 2005.
21. Project ‘Cultural Similarities and Differences in Response to Postpartum Depression’, Kasita McCloud* and Rachel Swartz, **Funded by NSF and MAA**, 2005, Presented at
   b. USA Research Council’s 12th Annual research Forum, April 2005.
   a. The 14th Annual USA/USM Mini-Conference on Undergraduate Research in Mathematical Sciences, Hattiesburg, April 2005.
   b. Troy MathFest, 2006, Troy State University, AL, February 2006
24. Project ‘Adaptive Anti-Spam E-mail Filtering using Huffman Coding and Logistic Regression’, Nerellapalli, P and Zhou, Y., 2005, Reviewed and Accepted for publication by *International Journal on Artificial Intelligence*.
30. Project ‘Assessing the effect of educational program on the school children’s general knowledge about the Sickle Cell disease’ Cedric Jones, **Funded by NSF** 2003.

34. ‘Geographical Mapping of Cancer Death Rate in Alabama’ Michael Weak*, **Funded ASSDA**, 2000 (with Fears).
   a. Poster presentation: The Annual Research forum of USARC and Sigma Xi, Mobile, 2001
   b. Paper presentation: USA/USM Mini-conference on Undergraduate Research in Mathematical Sciences, Hattiesburg, MS, April 2001

35. ‘Estimation and inference for the overlap of two exponential distributions’, Subhash Aryal*, **Funded by UCUR & NASA**

36. Paper Presentation 'Citation Analysis of Finance Research', Adraine Jordan*, Winner of Exxon Education Foundation award for Outstanding Presentation at the MAA's MathFest, Atlanta, GA, 1997, **Funded by NSF**.

37. Project 'Improved Approximation to Bias and Variance of Overlap Coefficients and Their Distributions', Lou Sherfesee*, **Funded by NSF**.


39. Paper presentation 'Approximations to an SPRT for hypergeometric sampling', Christine Powell*, Joint MAA/AMS Summer Meeting, Seattle, WA, August 1996, **Funded by NSF**.

40. Paper presentation 'Sampling distribution of overlap of two heteroscedastic normal populations', Eric Erdman*, MAA's MathFest, Atlanta, GA, 1997 (with Mishra), **Funded by NSF**.

41. Project 'Robustness of unknown k in sequential testing procedure for the mean of negative binomial population', Nikki Long*, **Funded by NSF**.

42. Project 'Citation analysis of Tax Research', Elizabeth Howard* Presented at USA/USM Mini-conference on Undergraduate Research in Mathematical Sciences, Feb. 1997 (with Segal), **Funded by NSF**.

43. Paper presentation 'Does pre-operative Aspirin ingestion increase post-operative blood loss in coronary artery bypass surgery patients?', Bae-yong Cheng*, USA/USM Mini-conference on Undergraduate Research in Mathematical Sciences, Mobile, AL Feb, 1996, **Funded by NSF**.

44. Paper presentation 'Sampling distribution for overlap of two exponential populations', Sherry Gonzales*, USA/USM Mini-conference on Undergraduate Research in Mathematical Sciences, Mobile, AL Feb, 1996, **Funded by NSF**.

45. Poster presentation 'Citation analysis of accounting research', Bae-yong Cheng*, 3rd annual Research Forum of USARC and Sigma Xi, May 1996 (with Segal), **Funded by NSF**.
46. Poster presentation 'Impact of Accountant liability upon the profession of accounting', Richard Coarsey*, 3rd annual Research Forum of USARC and Sigma Xi, May 1996 (with Segal), **Funded by NSF and USARC**.

47. Paper presentation 'The best and worst cities of U.S.', Sherry Gonzales & Bae-yong Cheng*, Winona State University, Winona, MN, April 1996, **Funded by NSF**.


49. Poster presentation 'College education in the southeastern region', Richard Coarsey* & Lou Sherfesee, IV*, Joint Statistical Meetings, Orlando, FL, Aug. 1995, **Funded by NSF**.

50. Paper presentation 'Is short term heart rate variability associated with sudden cardiac death?', Bae-Yong Cheng*, Joint MAA-PME Student Conference, Berlington, VT, Aug. 1995, **Funded by NSF**.

51. Paper presentation 'Comparison of one-sided tolerance limits when the variance is unknown', Lizabell Mont*, Joint MAA-PME Student Conference, Berlington, VT, Aug. 1995 (with Mishra), **Funded by NSF**.

52. Project 'A study of Shrimp fishermen along the Gulf Coast', Sherry Gonzales, Summer 1995 (with Thomas), **Funded by NSF**.


54. Paper presentation 'Estimation of Bias for the measures of overlap for the Pareto distributions', Takeshi Fukasawa*, Joint Mathematics Meetings, San Francisco, Jan 1995, **Funded by NSF**.

55. 'Predictors of coronary artery disease', Bae-yong Cheng*, (with Bikkina, M.D.), 1995, **Funded by NSF**.

56. 'A study of proper time to discontinue daily Aspirin prior to cardiac surgery', Bae-yong Cheng*, (with Bikkina, M.D.), 1995, **Funded by NSF**.

57. Poster presentation 'Comparison of Sequential Testing Procedures', Shirley Butts*, Presented at the undergraduate research poster session, the Annual Meeting of Sigma Xi, the scientific research society, Atlanta, 1994.


59. Paper presentation 'Statistical Measures of Similarity', Takeshi Fukasawa*, USA/USM Mini-conference on Undergraduate Research in the Mathematical Sciences, Mobile, 1994, **Funded by NSF**.


61. 'Effects of the medical model on nursing perceptions', Shirley Butts*, 1993-94.

62. 'Overlap of survival functions and inference', Vicki Bishop*, 1992 **Funded by NSF**.