DELTA STATE UNIVERSITY
EXECUTIVE SUMMARY AND BUDGET REQUEST

Executive Summary of Accomplishments: 2000-2001

Budget Request: Fiscal Year 2002
April 16, 2001

I. Unit Name: Mathematics Department       Unit Administrator: Rose Strahan

II. Personnel

New positions requested: none

Retirements: Dr. Burrow Brooks in May 2001

Promotions: Dr. Stella Wear from Associate Professor to Professor. Her portfolio with a letter of recommendation from the department chairman attached has been submitted.

Dr. Clifton Wingard from Assistant Professor to Associate Professor. His portfolio with a letter of recommendation from the department chairman attached has been submitted.

Activities and Accomplishments:
Linda Miller and Louise Rodgers were co-presenters at the annual meeting of the Mississippi Council of Teachers of Mathematics in December. Their topic was “Basic Facts! More than Flash Cards?” Louise Rodgers made the same presentation at the Mobile Regional Meeting of the National Council of Teachers of Mathematics in March.

Clifton Wingard made a presentation entitled “Calculus is More Than Formulas” at the Mobile Regional Conference of the National Council of Teachers of Mathematics in March. He also served as MS Vice-Chair of the LA/MS Section of the Mathematical Association of America for 2000. Dr. Wingard coached and took a student team to participate in the student team competition at the annual meeting of the Section.

Paula Norris and Stella Wear were co-presenters at the Mobile Regional Conference of the National Council of Teachers of Mathematics in March. Their presentation was entitled “Getting Two for the Price of One: Reinforcing Basic Skills--Developing New Concepts.”

Rose Strahan conducted two First Timers’ Sessions at the annual meeting of the National Council of Teachers of Mathematics in Chicago in April.

Stella Wear and Rose Strahan serve as consultants for The National Faculty and work with teachers from Cleveland, Shaw, and Indianola school districts.
III. Goals for 2000-2001

Goal 1: Publish a departmental newsletter.
Budget Request: $400
Budget: not funded
Results: We were able to print and mail a departmental newsletter by conserving in other areas and using money received from a textbook buyer.

Goal 2: Prepare students to teach using appropriate technology and prepare students who will enter the work force in non-teaching jobs to function in today's technology dependent society.
Budget Request: $99,000 for a computer lab in Walters 260.
Budget: no funding for software
Results: Through NASA the hardware for a Remote Sensing lab was provided. The necessary software is not available. The goal has been partially met by using the technology lab in the Center for Teaching and Learning in Ewing Hall, however, the needed mathematics software is not available there either.

Goal 3: Strengthen the B. S. E. degree requirements to comply with the recommendations on the preparation of secondary teachers from the National Council of Teachers of Mathematics and NCATE.
No budget request.
Results: We have changed the requirements for the B.S.E. degree to more closely align our program with the NCTM/NCATE requirements. We will make additional changes over the next few years. We did not want to add too many courses and thus increase the number of hours significantly at one time.

Goal 4: Initiate an annual Mathematics Tournament to be held each spring on our campus and sponsored by the Mathematics Department.
Budget Request: $3870
Budget: not funded
Results: with assistance from the DSU Foundation, DAAIS, and Student Affairs, we were able to hold the first annual mathematics tournament with 9 schools participating. We feel that this was a very successful event and hope to actually make it an annual tournament. The attached sheet provide detailed information regarding the expenses, income, and sources of the income.

IV. New or Continuing Goals and Special Budget Requests

Goal 1: A continuing goal -- Publish a departmental newsletter.
Budget Request: $400 through the departmental budget or funding provided through some other department/office on campus to enable us to accomplish this goal.

Goal 2: This is also a continuing goal. For the computer lab in Walters 260 to meet the needs of the department the following software must be available on the machines. These items were identified in the recent technology needs survey.
Budget Request: 1. MSOffice 2000
2. Printer for student use
3. A computer algebra package such as DERIVE. Approximately $2500 for 30 computers.
4. Geometer’s Sketchpad---10 user pack $99.95, 50 used pack $899.95, unlimited school use $1299.95.

**Goal 3:** We will continue to study requirements for the B.S.E. degree and make revisions to enable our program to meet NCTM/NCATE standards.
No budget request.

**Goal 4:** Hold an annual Mathematics Tournament in the spring to attract and recruit superior mathematics students from local area schools.
Budget Request: $1500
We will continue to seek assistance from the Foundation, DAAIS, and Student Affairs, but we do not want to have to rely on them for the total funding.

**Goal 5:** Sponsor a student team to participate in the student team competition at the annual meeting of the LA/MS Section of the Mathematical Association of America.
Budget Request: $540 in travel funds.
For the past three years our department has had a team of students who participated. The students paid some of their own expenses and Dr. Wingard and I paid the remainder to enable them to attend and participate. The department needs to provide transportation, lodging, and meals for these students.

V. Summary of Special Budget Requests in Priority Order

1) An additional $500 for photocopying. Our budget is so small that we never have enough money to cover our copying needs. Each year we have to rely on Dr. Myers or Dr. McArthur to help us out near the end of the year.

2) $1500 for an annual Mathematics Tournament. (See Goal 4 above.)

3) Approximately $3400 for software for the computers in Walters 260. (See Goal 2 above.)

4) $540 in travel funds to be used for student participation in the MAA team competition. (See Goal 5 above.)

5) Approximately $400 to publish a departmental newsletter. (See Goal 1 above.)