



MELT Scholars at Appalachian

The Appalachian State University MELT Scholars program is funded by the Gordon and Mary Cain Foundation and coordinated through the ASU Department of Mathematical Sciences and its Mathematics Education Leadership Training (MELT) program. Additional Support comes from the Texas Instruments Teachers Teaching with Technology Program.

The goal of the MELT Scholars Program is to develop high school mathematics teachers as leaders, both through their innovative work in the classroom and as in-service workshop instructors. MELT scholars will be resources to their students and to other mathematics teachers.

Successful applicants will receive funding for professional development and 12 semester hours of credit in the graduate program in mathematics, secondary education at Appalachian. Professional development will take the form of participation in four week-long MELT Summer Institutes during June and July 2006 as well as four two-day follow-up workshops during the 2006–2007 school year. Scholars will choose from the institutes listed below, and will receive room, board, technology and in-state tuition remission.

Week 1 (18–23 June 2006). Choose one of

- T3 Algebra (TI-84 Plus Silver Edition, CBR)
- Statistics

Week 2 (25- 30 June, 2006). Choose one of

- T3 Calculus (TI-89, Voyage 200)
- Advanced Functions and Modeling

Week 3 (9–14 July 2006). Choose one of

- T3 Geometry (Cabri Jr. on the TI-84 Plus SE and Cabri Geometry computer software)
- Technical Mathematics

Week 4 (16–21 July 2006). Choose one of

- T3 Integrating Multiple Technologies (TI-84 Plus SE; TI Interactive, MS PowerPoint, TI Navigator, and other computer software)
- History of Mathematics

Scholars will also receive travel allowances, room, board and in-state tuition remission for the four follow-up workshops during the academic year.

Please type or print clearly. Mail the completed form and direct two letters of support to:

Diana Ward, MELT Program
ASU Dept. of Mathematical Sciences
243 Walker Hall
121 Bodenheimer Drive
Boone NC 28608.

MELT scholar applicants must also apply to the MA program in mathematics, secondary education at Appalachian.

The application postmark deadline is 20 March 2006.
Late applications will be considered if space is available.



Name of Applicant _____
Social Security Number _____
High School & County _____
Complete School Address _____

School Phone () _____
School FAX () _____
Email Address _____
Home Address _____
Home Phone () _____

First choice for institutes to attend during the program:

Education: List colleges and universities attended, degrees awarded, total credit hours, overall GPA.

GRE Scores:
GRE-V GRE-Q GRE-AW Date of Test

Teaching License: Include date, state, type of license, and other pertinent information.

Teaching Experience: Dates, schools, and classes taught.

Technology Experience: How long have you taught using technology, which technology and in what classes?



Why do you wish to participate in the MELT Scholars Program? Please state your reasons for participating. Include your plans for using what you learn with your students (Implementation) and for sharing what you learn with other colleagues in your home district and beyond (Dissemination). In your Dissemination Plan, discuss how you could work with another MELT Scholar who was paired with you.

Implementation Plan:

Dissemination Plan:

Signatures:

Applicant: I have reviewed the information above and certify its accuracy. I am committed to participating in the four summer institutes and the four follow-up workshops, carrying out my Implementation and Dissemination Plans, and maintaining lines of communication with the MELT Office.

Applicant's signature

date

Principal: I support the applicant's endeavors as a MELT Scholar; in particular the Scholar will receive support to attend the follow-up sessions in the form of substitute instruction for the four Fridays required during the school year.

Principal's signature

date