



MAA Tensor and Dolciani Grant Programs

Caren Diefenderfer
MD-DC-VA Section Meeting
April 2012

Tensor –
Women &
Mathematics

Dolciani
Mathematics
Enrichment
Grants

Tensor –
SUMMA

Details available at the MAA website

www.maa.org/wam/tensor.html

www.maa.org/programs/tensor-summa.html

www.maa.org/dolciani/

+ Tensor – Women and Mathematics

Objective

- Encourage college and university mathematics faculty to develop programs for women in mathematics

Award Amount

- Maximum award is \$6000
- Possibility of a 3 year renewal

Possible Projects

- Organize a mathematics club for women
- Create a network of women professional mentors for female students
- Hold a conference for counselors to prepare them to encourage female students to continue to study mathematics
- Conduct a summer mathematics program for high school women
- Bring high school women onto a college campus for a Math Day
- Form a partnership with industry to acquaint women students with career options



Tensor – SUMMA

Strengthening Underrepresented Minority Mathematics Achievement



Objective

- Provide enrichment activities leading to heightened interest in and appreciation of mathematics for underrepresented minorities

Award Amount

- Maximum award is \$6000
- Possibility of a 3 year renewal

Possible Projects

- Preparations for competitions
- Math Circles
- Student group and individual research experiences
- Summer mathematics camp
- Math club activities

+ Dolciani Mathematics Enrichment Grants (DMEG)

Objective

- Projects should provide enrichment and extension activities for students

Award Amount

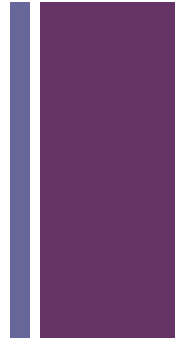
- Maximum award is \$6000
- Possibility of a 3 year renewal

Possible Projects

- Organize a club for middle or high school students
- Develop a Math Circle for middle or high school students
- Summer mathematics camp for middle and/or high school students
- Mentoring program (undergraduate and/or graduate students mentoring middle or high school students)
- Organize a speaker series for middle or high school students



Data from 2011 Proposals



- Tensor Women and Mathematics

18 proposals, 12 funded

- Tensor – SUMMA

14 proposals, 11 funded

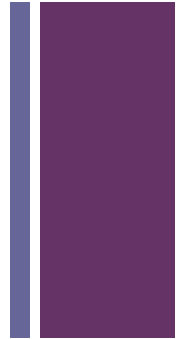
- Dolciani

39 proposals, 14 funded

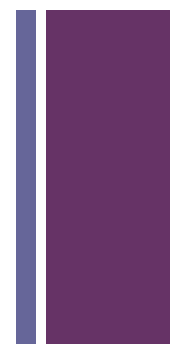


Three Selected 2010 Projects

- Math Day Elizabeth Arnold & Katie Quertermous
James Madison University
Expanding Your Horizons Day
- Summer Camp/Research/Mentoring
Brian Lindaman
Montana State University
Math to Excite
- Academic-year Math Enrichment Program
Violetta Vasilevskaya
Utah Valley University
Math Girls Rock!



+ Contacts



- Caren Diefenderfer/Tensor – Women and Mathematics
cdiefenderfer@hollins.edu
- Rosalie Dance/Tensor – SUMMA
- Florence Fasanelli, Tensor Program Outreach Director
ffasanelli@verizon.net
- Dolciani/ Nancy Neudauer
- Olga Dixon, Sponsored Programs Coordinator,
odixon@maa.org