

Title of Project: Saskatchewan Mathematics Challenge

Year of Competition: 2004

CMS Grant amount: \$2500

Project Duration: Multi-Year

Type of Report: Annual

Period Covered: 2005-2007

Description of Activity:

In partnership with the Saskatchewan Mathematics Teachers' Society (SMTS), in 2004, the University of Regina (U of R) Mathematics and Statistics Department developed the Saskatchewan Mathematics Challenge, a mathematics contest for grades 8 through 10. The CMS Grant constituted the seed money for the Mathematics Challenge and it has now grown in to a tri-partite project involving the University of Saskatchewan (U of S) along with the U of R and the SMTS. This year the Challenge was held on the U of R Campus and, once again, teams, with approximately 250 students, from schools all over the province convened for a day on the campus. The contest this year implemented a separate grade 8 contest. Students were given a tour of the campus and some participated in a math trail. The contest was followed by an awards ceremony, recognizing the top individuals and teams at each of the three grade levels. The Challenge, again a success, was publicized locally by the CBC.

Assessment of Effectiveness:

In 2005, leveraging of the Endowment Grant led to the Saskatchewan Mathematics Challenge becoming a cooperative project of the U of R's Department of Mathematics and Statistics the SMTS, and the U of R's Faculties of Science, Engineering and Education. Building on this success the SMTS leveraged matching funds from the U of S and the Challenge is now established and *has become self-sufficient* (with grants from the two universities, the SMTS and PIMS - this year the contest leveraged funding of \$500 from PIMS). The two provincial universities, in partnership with the SMTS, will host the contest in alternate years. Overall, the contest is a success both for the participating students and for the development of a bond between the universities and the SMTS.

Future Plans:

As mentioned above the Saskatchewan Math challenge will continue, thanks to

the initial seed money from the CMS, and future funding from the U of R, U of S, PIMS and the SMTS.

Financial:

REVENUE

CMS Endowment Grant	\$2500.00
CARRYOVER from 2006	<u>\$ 93.71</u>
TOTAL	\$2593.71

EXPENSES charged to CMS Endowment Grant

Honoraria (student markers)	\$1120.00
Awards and prizes	\$ 127.85
Printing and duplicating/supplies	\$ 910.22
Snacks/juice/coffee	\$ 207.16
Travel (to an SMTS meeting)	<u>\$ 228.48</u>
REVENUE less EXPENSES	\$ 0.00

Other funding leveraged:

REVENUE

University of Regina	\$3000.00
Registrations	\$1810.00
PIMS	<u>\$ 500.00</u>
TOTAL	\$5310.00

EXPENSES charged to leveraged funds

Awards, prizes, etc.	\$ 887.92
Advertising	\$ 53.00
Snacks, lunches participants, administrators	\$1804.68
Supplies	\$ 54.08
Travel (marking administrator)	\$ 337.28
Honoraria	\$ 293.32
T-shirts	<u>\$ 195.64</u>
REVENUE less EXPENSES	\$1684.08

Notes: Without the CMS Endowment Grant the contest would have run a deficit however the SMTS is committed to contribute enough to balance the budget in future years.

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