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

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS Endowment Grant</td>
<td>$2500.00</td>
</tr>
<tr>
<td>CARRYOVER from 2006</td>
<td>$93.71</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2593.71</strong></td>
</tr>
</tbody>
</table>

### 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): $228.48

**REVENUE less EXPENSES**: $0.00

### Other funding leveraged:

#### REVENUE

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Regina</td>
<td>$3000.00</td>
</tr>
<tr>
<td>Registrations</td>
<td>$1810.00</td>
</tr>
<tr>
<td>PIMS</td>
<td>$500.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$5310.00</strong></td>
</tr>
</tbody>
</table>

#### 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: $195.64

**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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