

Canadian Undergraduate Mathematics Conference 2012 **July 11th to 15th**

A snapshot of the conference:

This year marked the 19th Annual Canadian Undergraduate Mathematics Conference (CUMC). It was held in the Okanagan Valley in beautiful Kelowna, BC. With over 150 people attending, including participants, keynote speakers, and volunteers, and over 80 student talks, the conference was a great success!

There were a great variety of student talks this year. Participants attended presentations on combinatorics, mathematical biology, mathematical history, algebras, statistics and probability, topology, and optimization, to name a few. There were also seven keynote speakers from across Canada and as far away as France. They were: Dr. Heinz Bauschke (UBC's Okanagan campus), Dr. Catherine Beauchemin (Ryerson University), Dr. Gerda de Vries (University of Alberta), Dr. Donovan Hare (UBC's Okanagan campus), Dr. Jennifer Hyndman (UNBC), Dr. Dominikus Noll (Université Paul Sabatier, France), and Dr. Tim Swartz (Simon Fraser University).

Each participant received a welcome package, which contained the official CUMC 2012 program and t-shirt, a water bottle, a CUMC 2012 mug, an Okanagan College notebook and lanyard, a CUMC 2012/UBC folder, CMS totebag, and other assorted brochures and writing implements from our sponsors.

Partnering together:

The CUMC 2012 was excited to have three official sponsors: UBC's Okanagan campus, Okanagan College, and the Irving K. Barber School of Arts and Sciences.

Through these sponsorships, the participants had the opportunity to visit both UBC's Okanagan campus and Okanagan College. By partnering with Okanagan College, the CUMC 2012 Organizing Committee hoped to exemplify the roles that colleges play in the overall undergraduate educational experience.

Activities and events:

The CUMC 2012 Organizing Committee arranged various events for the participants, aside from the normal conference proceedings. These events included: the Ex Nihilo Winery Tour, a movie night, a trip to Scandia Golf and Games, as well as encouraging participants to visit the many tourist attractions around the Kelowna area.

A tradition continued:

Keeping with the tradition of the last two CUMCs was the Women in Math and Science Dinner. This year's theme was "Breaking Down Barriers: Challenges Facing Female Mathematicians". This event was restricted to women and women-identified participants only. With four panelists and over 45 participants, the event started with a round-table discussion, which continued well into dinner in the Okanagan College courtyard. All present agreed the hour long discussion flew by and it would have been great to have had more time to talk with the panelists! The sponsors who made this event such a great success were Westcoast Women in Engineering, Science & Technology (WWEST), Applied Science Technologists & Technicians of BC (ASTTBC), and the CMS Women in Math Committee.

Accomplishments:

The committee aimed to showcase both UBC's Okanagan campus and Okanagan College. Each institution was a great host for the conference and worked well together to give variety in facilities and location for the participants. Overall, the conference helped to establish Kelowna as a great location to continue a student's mathematical career.

| <u>Item</u> | <u>Final Cost</u> | <u>Institution</u> | <u>Funding Recieved</u> |
|--|--------------------|---|---------------------------|
| Meals | | Sponsorship | |
| Lunch | \$4,500.00 | UBCO Math Department | \$1,330.37 |
| Coffee Breaks - Food | \$2,800.00 | I.K. Barber School | \$4,200.00 |
| Coffee Breaks - Coffee (UBC) | \$1,285.00 | UBCO Provost | \$7,773.00 |
| Coffee Breaks - Coffee (OC) | \$286.13 | Okanagan College (OC) | \$4,156.80 |
| HST 12% | \$1,064.54 | Canadian Mathematical Society (CMS) | \$1,000.00 |
| 15% Gratuity | \$192.75 | Centre de Recherche Mathématiques (CRM) | \$1,500.00 |
| 18% Gratuity | \$1,314.00 | Canadian Society of History and Philosophy in Mathematics | \$300.00 |
| Total | \$11,442.42 | Pacific Institute for the Mathematical Sciences (PIMS) | \$2,000.00 |
| Opening Banquet | \$2,250.00 | University of Northern British Columbia (UNBC) | \$300.00 |
| Seating | \$0.00 | Golden Key | \$250.00 |
| BBQ Propane | | Maplesoft | \$1,000.00 |
| HST 12% | \$270.00 | UBCO AVP Students | |
| 18% Gratuity | \$405.00 | Participant Registration | \$12,350.00 |
| Total | \$2,925.00 | Wine Tour Registration | \$1,539.00 |
| | | Total | \$39,197.89 |
| Closing Banquet | | | Actual |
| Meals | \$4,911.80 | | Total Expenditures |
| DJ Closing Banquet | \$250.00 | | \$39,303.29 |
| HST 12% | \$589.42 | | Difference |
| Total | \$5,751.22 | | \$105.40 |
| Publications | | Additional Funding | |
| Posters | \$232.30 | AARMS | \$1,498.72 |
| Postage | \$245.19 | | |
| cumc.2012@ubc.ca | \$25.00 | | |
| Programme | \$877.20 | | |
| HST 12% | \$27.88 | | |
| Total | \$1,407.57 | | |
| AARMS Travel Costs | | | |
| Kara Allen | \$1,114.84 | | |
| Svenja Huntemann | \$383.88 | | |

| | | | | | |
|------------------------------|--------------|-------------------|--|--|--|
| | Total | \$1,498.72 | | | |
| Key Note Speakers | | | | | |
| travel & accommodation | | \$1,634.82 | | | |
| Tim Swartz | | \$204.22 | | | |
| Catherine Beauchemain | | \$800.00 | | | |
| Gerda DeVries | | \$630.60 | | | |
| Dominikus Noll | | | | | |
| Gift | | \$0.00 | | | |
| | Total | \$1,634.82 | | | |
| Registration | | | | | |
| Registration | | \$396.15 | | | |
| UW cancellation registration | | \$71.25 | | | |
| | Total | \$467.40 | | | |
| Wine Tour | | | | | |
| Transportation | | \$439.04 | | | |
| Ex Nihilo Tour | | \$855.00 | | | |
| | Total | \$1,294.04 | | | |
| Lecture Halls | | | | | |
| UBC Okanagan | | \$3,873.00 | | | |
| UBC Set up and Tear Down | | \$105.00 | | | |
| UBC Parking Passes | | \$78.54 | | | |
| OC Clean Up Cost | | \$180.00 | | | |
| OC Lecture Halls | | \$750.00 | | | |
| HST 12% | | \$22.02 | | | |
| | Total | \$4,986.54 | | | |
| Transportation | | | | | |
| Busing | | \$1,116.00 | | | |
| HST 12% | | \$133.92 | | | |
| | Total | \$1,249.92 | | | |
| Graphic Design | | \$300.00 | | | |
| Extra Expenses | | | | | |
| PCAM | | \$152.70 | | | |
| Photographer | | \$100.00 | | | |

