



East Kootenay Regional Science Fair Society

2010-2011 Annual Report to Partners and Sponsors

August 2011

EKRSF Society

Members

(Committee Duties)

Chair – Darcy Verbeurgt
(Regional Coordinator – Co-chair)

Vice Chair – Sandi Lavery
(Regional Coordinator – Co-chair)

Vice Chair – Dave Dick
(Head Judge)

Secretary – Ann Rice
(Fundraising/Registration)

Treasurer – Anita Savage
(Fundraising)

Member at Large – Wendy Murdoch
(Fundraising)

Please Note: Additional MaL's are coming on board for 2011-2012

The annual Regional Science Fair in the East Kootenay is presented by the "East Kootenay Science Fair Society." The society promotes, organizes and administers the regional science fair. We also serve as a resource to school fairs in the East Kootenay Region. For more information about joining the East Kootenay Science Fair Society or to view our Constitution and Bylaws please visit our website: www.ekrsf.ca

Mission: The East Kootenay Regional Science Fair Society promotes scientific interests and experiential opportunities for East Kootenay students.

Beliefs: The East Kootenay Regional Science Fair Society was established and conducts its day to day activities based on the following set of beliefs:

- Equal opportunities for all students in the East Kootenay region.
- Experiential learning is more engaging than text learning.
- It takes a scientific community to raise a scientist.
- Every child can succeed with the proper support.
- To invest in our youth now, will benefit our region in the future.
- Science Education should be a fun, creative and an engaging process.

Goals: The East Kootenay Regional Science Fair Society works to achieve the following goals:

- Promote, organize and administer an annual regional science fair for students Kindergarten to Grade 12.
- Assist schools in establishing their own science fairs.
- Motivate and assist East Kootenay students in pursuing project-based science.
- Increase participation in project based science
- Foster relationships between students, educators, local industries and local scientists.

Sponsors for 2011 Fair:

National/Provincial Affiliates:



Partners:



Corporate Sponsors:

City of Cranbrook

Teck Corporation

Cranbrook Vision Care

EK Regional Hospital Medical Staff

Pharmasave

Silenus Resource Management

Top Crop Garden Farm & Pet

- Encourage students to choose careers in science-related careers.
- Recognize and value scientific achievement
- Maintain affiliation with Science Fair Foundation of British Columbia (SFFBC) and Youth Science Canada (YSC) to provide further opportunities to East Kootenay students.
- Build and maintain relationships with East Kootenay Regional Science Fair (EKRSF) partners throughout the region.

Co- Chair Report:

East Kootenay Regional Science Fair Stats (February 23 and 24th, 2011)

Total participants: 342 students Total projects: 264 projects

Wednesday, Feb 23rd, 2011 (Non-competitive Fair): 225 students participated in the fair sharing 183 projects. In addition, over 500 additional students visited the fair from 8 different schools.

Thursday (Competitive Fair): 118 Grades 7-12 students with 81 projects registered. There were an additional 150 students from 5 high schools throughout the region visiting as well.

Exhibits: 11 Exhibits on Wednesday and 15 Exhibits on Thursday

- Parks Canada: Banff, Yoho and Kootenay National Parks
- Ministry of Forests and Range
- Wildsight
- Columbia Basin Trust
- EK Regional Hospital Medical Laboratory
- Mainstreams Environment Society
- APEGBC – EK
- Rocky Mountain Trench Ecosystem Restoration Program
- Columbia Basin Environmental Education Network
- East Kootenay Invasive Plant Council
- Fairmont Construction Ltd.
- EK Amateur Radio Club
- Inventive Minds Manufacturing Inc.
- Top Crop Farm and Pet
- COTR Physics Department

McElhaney Consulting
Services Ltd.

EK Reality Insurance

Will-O-Bend Golf & RV
Park

Michael Alberts
Photography

Ekman Land Surveying
Ltd.

UVIC- East Kootenay
Teacher Education
Program

Individual Sponsors:

Dr. Dean Nish

Dr. Van Redecopp

Dr. Jeffrey Williams

Dr. Bill Newsome

Dr. W. Vanreitschoten

Dr. David Dick

Dr. Ray Arensman

Dr. Bernard Drieger

Moments to Remember:



Celebration Hands-on Activities: (Over 500 students participated in all activities)

1. Constellation building: (2 activities) Constellation diagrams from the “Science Challenge Activity Work book” were used for these:
 - Shoe box Telescope
 - Glow in the Dark sheet
2. Rocket Launch – Balloons on a string
3. Planes – (Straws and loops)
4. Twirlybirds

HR MacMillan Planetarium Star Dome: The Star Lab proved to be very popular both with science fair participants and the general public. In all, 440 students toured the dome and extra shows were added for the public. Eighteen shows were presented over the two-day event.

Guest Speakers:

Wednesday: Dr. Bill Newsome – 2 shows 50 children in one show, and approximately 25 at the second show

Thursday: Dr. Jaymie Matthews (UBC) “What Textbooks don’t tell you” – Approximately 100 high school students attended.

First Nations Legend plus illustration – Herman Alpine and John Barns
The Next Avitar.... Dr Jaymie Matthews (UBC)

Additional Facts:

The number of schools that were entered in the fair on either day totaled to 13 different schools.

An additional 4 schools attended the Celebration and Fair to view. This totals 17 schools that took part in the fair and celebration activities

Dignitaries in attendance:

Dr. Nick Rubidge - President and CEO of the College of the Rockies (COTR)

Ms. Jaquie Dawes - Assistant Deputy Minister -

Mr. Bill Bennett - MLA East Kootenay

Ms. Diana J. Scott - Councillor- City of Cranbrook (Plus Mr. Bob Whetham, City Councillor judged)

Mr. Chris Johns - SD 5 School Trustee – facilitated and judged both days

Dr. Laura Cooper - Dean of Instruction COTR – Judged and attended both days

Mr. Bill Gook - SD 5 Superintendent

Mr. Glenn Dobie - SD 5 Assistant Superintendent

Volunteers:

Wednesday: 46 Volunteers, plus 6 committee members Total = 52

Thursday: 42 judges plus an additional 10 volunteers and 7 committee members = 59



Budget Report:

East Kootenay Regional Science Fair Society Balance Sheet 2010-11

East Kootenay Regional Science Fair Society	
8/1/2010 to 7/31/2011	
INCOME	
Donations from Sponsors	5879.82
Grants from SFF BC (Awards/Year of Science funding for Dome)	5942.50
SD#5	5000.00
Interest	0.51
Project Registration	5012.00
TOTAL INCOME	21834.83
EXPENDITURES	
Advertising	824.64
Awards given	7436.26
Bank Charge	63.27
Canada Wide Science Fair Costs	6990.00
Gifts (Special Guests)	591.54
Food/Snacks (For Volunteers)	343.68
Office Supplies/Copying	343.20
Rent (Tables/Chairs)/Janitorial)	1344.00
T-Shirts	3884.99
Travel (for Presenter)	707.28
TOTAL EXPENDITURES	22528.86
OVERALL TOTAL	-694.03
INKIND	
COTR	10669.00
SFF BC	3100.00
KRIC	13025.00
SD5	400.00
OVERALL INKIND	27194.00
Current Bank Balance	163.00
COTR (Account for PC)	250.00



Canada Wide Science Fair - May 13-20, 2011 Toronto Ontario



Team BC/Yukon at the Canada Wide Science Fair in Toronto, May 14 to 21 2011

Results: BC and Yukon students received 4 gold, 8 silver and 25 bronze medals as well as 7 special awards and 48 scholarships for a total of \$91,850 in scholarships, awards and prize money

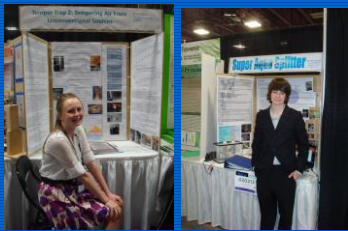
East Kootenay Youth

Four students from the Competitive Fair were chosen to represent the East Kootenay Region and the Canada Wide Science Fair held in Toronto from May 13-20, 2011. From left to right: Matthew Lavery Grade 7, Laurie Middle School, Keltie Murdoch Grade 10 Mount Baker Secondary School, Madalon Burnett Grade 10 Fernie Academy and Chris Lavery Grade 9 Laurie Middle School.

The students were part of Team BC, which included 75 students, and 25 Delegates from all over BC and Yukon. Over 450 students from all over Canada participated the competition. Students participated in a variety of tours, hands-on science activities and events, as well as networked with other young scientists from across the country.

East Kootenay Students had their most successful year yet at the CWSF in Toronto. Keltie Murdoch and Madalon Burnett received Bronze Medals in the





intermediate category. In addition, they each received \$300 and a \$1000 University scholarship. Chris and Matt Lavery also completed and performed very well in their categories.

All four students also received an all-expense paid trip to Victoria BC for the BCIC Innovation Exploration Event held October 24-26th, 2011. While in Victoria they will visit various science venues including UVIC- Genome BC Proteomics Lab, Ocean Network Canada venues, Center of the Universe, UVIC Dept. of Sciences and the Institute for Ocean Sciences. The students will also attend a formal dinner where they will meet a number of top scientists and various dignitaries.



Thank you Sponsors!

The East Kootenay Regional Science Fair Society wishes to thank all Partners, Affiliates and Corporate and Individual Sponsors for their continued interest and support of our efforts in hosting this event. We look forward to the years to come and the continued commitment to Project-Based Science and the Youth of the East Kootenay.

2012 East Kootenay Regional Science Fair

Dates: Wednesday, February 22, 2012 Competitive Fair (Gr. 6-12)
 Thursday, February 23, 2012 Non-Competitive Fair (Gr. K-6)

***Note: Grade 6 students may enter the Competitive Fair, or the Non-competitive fair.*

Location: College of the Rockies, Cranbrook BC

Theme: Engineering and Geosciences

Sponsorships for the 2012 Fair are now required. Please visit our website: www.ekrsf.ca

