

Family Math & Science Day at UBC Faculty of Education

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*Euro Science Fun Conference
Reykjavik, Iceland, 2016*



Canada - Iceland



	Canada	Iceland
Population	$\sim 3.6 \times 10^7$ ppl	$\sim 3.4 \times 10^5$ ppl
Population dens.	~ 3.9 ppl/km ²	~ 3.4 ppl/km ²
Life expect.	~ 81.5 years	~ 82.5 years
Median age	~ 40 years old	~ 35 years old
GDP/capita	$\sim \$51,000$	$\sim \$52,000$
Internet usage	88% of population	98% of population
Educ. spending	5.3% of GDP	7.1% GDP

University of British Columbia



UBC Teacher Education

- ~ 700 prospective teachers annually
- Elementary teachers (K – 7) have very little math & science preparation
- Secondary teachers subject specialization



Family Math & Science Day: Established 2010





Engage future teachers with math & science





Engage general public in math & science: 350+ guests





Involve elementary & second. teachers: 60+ volunteers





Have fun with math and science: 100+ demos/games



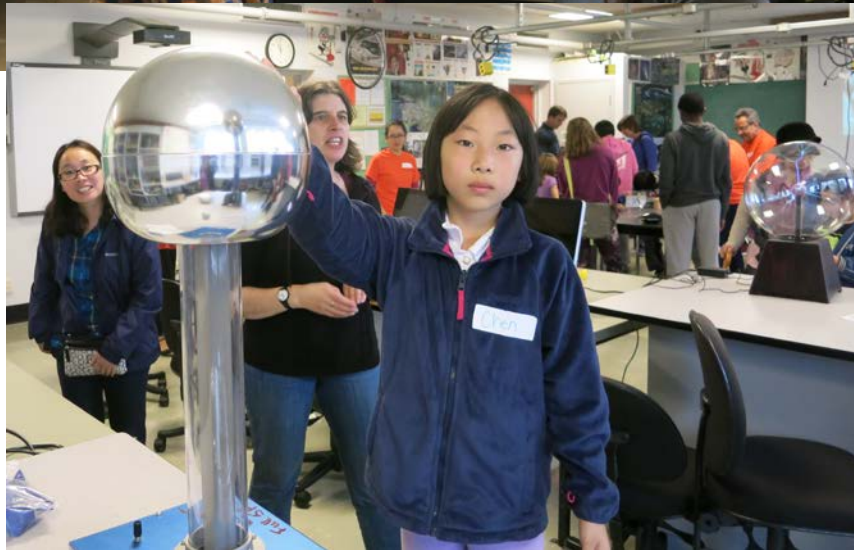
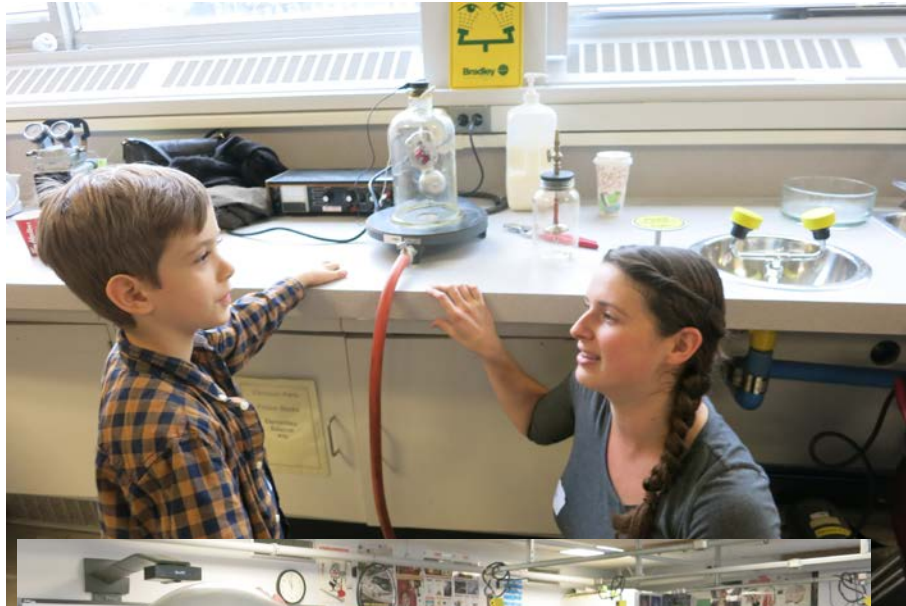


Gain Faculty Support: \$1,500 Budget





Build a tradition of outreach





Have fun



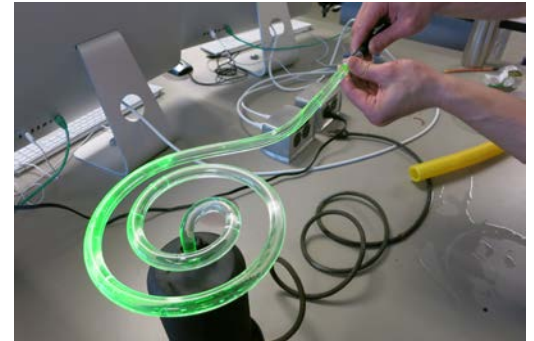
Special Thanks



My own family: Husband Valery and our son Aviv



- My Department: many great colleagues
- Faculty of Education Administration
- Department Administration
- UBC Teacher Education Office
- Parents who came with their children
- All the families who enjoyed it and made it all worthwhile



Questions

