



Centre for Community
Disaster Research

Annual Report 2014-2015

Timothy J. Haney, Director

August 2015



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ABOUT THE CCDR

Mission

The Centre for Community Disaster Research is a trans-disciplinary centre for research, education, and outreach related to natural, social, technological and economic disasters. The Centre is mandated with promoting rigorous academic research that is led by community need and involves university researchers, students, community groups, government stakeholders, and end-users of research as meaningful partners.

The Need

Following the catastrophic Southern Alberta flood of 2013, the CCDR grew out of widespread recognition that communities across Alberta, Canada, and the world will increasingly need to plan and prepare for extreme events. The Centre strives to generate academic research, sustained discussions, programming, and policy recommendations that will help to mitigate disaster risk, lessen vulnerability, and contribute to community resilience. Catastrophic events create new questions – the CCDR creates the answers.

Through our events and projects, the CCDR hopes to reduce community vulnerability to disasters, catastrophes, and crises, while promoting just and equitable recoveries when unfortunate events do occur.

What We Do

The CCDR works to fund, support, and promote research projects on disasters, disaster recovery, and post-disaster resilience. We also support initiatives that teach about disasters and crises, including field schools, internships, honours thesis projects, and service-learning projects. Finally, we are a hub for community debate about public policy, resilience initiatives, the needs of first responders, and best practices for communication during times of disaster. We host frequent seminars, brown-bags, guest speakers, symposia, and panels that promote this crucial dialogue.



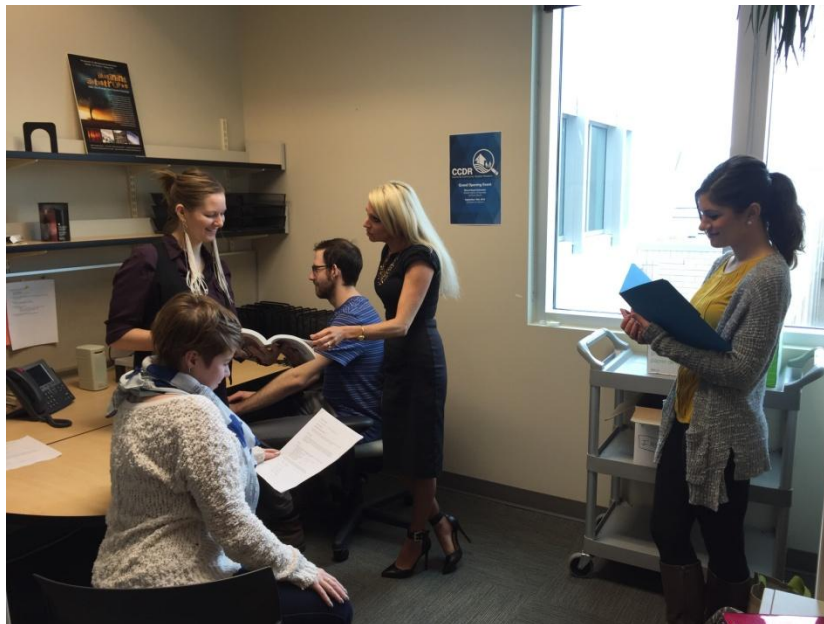
THE YEAR IN REVIEW

The 2014-2015 academic year marked the first year of the CCDR. As such, our activities focused on building capacity, identifying key staff, and launching programming. The year began with a successful, standing-room-only Grand Opening event, which brought together interested MRU colleagues with those in the applied disaster community (emergency managers, Red Cross, Alberta Health, etc.) and students. During the year, the Centre hosted a number of other events including seminars, brown-bags, and a Mixer event.

Work this year also involved identifying core staff. We are happy that we have identified 13 Faculty Affiliates (11 from MRU and two from other universities), hired an MRU student as an Office Manager, employed 13 other students as Research Assistants on CCDR-associated projects, and have worked with many community partners on research projects and events (Town of High River, Department of National Defense, and the Calgary Emergency Management Agency, to name a few).

Importantly, the Centre also launched a research funding program this year to support innovative projects. We envision this program as providing seed-funding to start-up projects that otherwise would not get off of the ground. To date, we have funded three projects (with one currently under review), now underway. We have also provided intellectual, in-kind, and administrative support to other-large externally funded disaster projects such as the Alberta Resilient Community project (funded by Alberta Innovates-Health Solutions), the High River Family Study (funded by SSHRC) and the Calgary Flood Project (also funded by SSHRC).

Finally, the CCDR worked hard this year to design a website. We worked with the MRU students and alumni at Design4Change (out of the Bissett School of Business) and our site launched in July 2015, significantly ahead of schedule. We are also confident that our new website is both innovative and is a venue for fostering collaboration on disaster projects of various kinds.



CCDR student RA's at work with Dr. Caroline McDonald-Harker in the CCDR Office (B349-K)

ACTIVITIES

Identifying Core Staff

Faculty Affiliates are the intellectual drivers of any research centre. Still, with disaster research only in its infancy at MRU, this meant strategically seeking out faculty members who, in some cases, had a bit of disaster experience, and in others, had sufficient interest to further develop their capacities in the area. During Fall 2014, the Director held several meetings with interested faculty members about their possible role in the Centre and its activities. Through this process, and by invitation, he identified 13 Faculty Affiliates. This included 11 MRU faculty members from a range of departments including Sociology and Anthropology, Child and Youth Studies, Social Work, Communications, Nursing, English, Earth Sciences, and Psychology. He also identified two faculty members from other regional universities who will add to the vibrancy of the Centre: Dr. Robin Cox from the Disaster and Emergency Management program at Royal Roads University, and Dr. Julie Drolet from the Faculty of Social Work at University of Calgary.

In early-Winter 2015, the Director put out a call for an MRU student to work as the Centre's Office Manager. Through that process, we hired Kathryn Wells, who brings a wealth of disaster-experience and office management experience. Her prior work included serving as an RA on the High River Family study and she attended the 2015 New Orleans field school, which focuses on disaster recovery. In only six months, she has proven central for event planning, communicating with stakeholders, helping to administer our grant funding, and staying alert to developments at other disaster research centres.

The Centre also established relationships with a number of community partners, which include key personnel at organizations such as the Calgary Emergency Management Agency, Department of National Defense, Town of High River, Hull Services, Emergency Social Services Network of Alberta, Bow Valley College, the Red Cross, and many others. Some of these partnerships are formal in nature and manifest themselves through collaboration on a research project, such as the High River Family Study. Other arrangements simply involve the partner receiving emails and occasionally attending CCDR events. Either way, the Centre has had a very successful year locating and partnering with organizational representatives from the public, private, and non-profit sectors.

Finally, a number of students have worked with the Centre as Research Assistants. This includes our Office Manager (n=1), as Research Assistants on the Calgary Flood Project (n=5), the High River Family Study (n=7), and as a videographer/blogger for the New Orleans field school (n=1). Now that our grant program is underway (see below), there will be many more students involved in Centre activities during the coming year.

Events

Grand Opening

On September 19, 2014, the CCDR held its Grand Opening event. The event brought together more than 200 people, many from the community, to celebrate and to learn about the Centre. At the opening, we learned of the Centre's generous funding from the Calgary Foundation and from SSHRC, and then discussed the Centre's structure, mandate, and activities. The event also included a powerful talk titled "Children, Youth, and Disasters: From Catastrophic Exposure to Community Empowerment" by Dr. Lori Peek, co-Director of the Center for Disaster and Risk Analysis at Colorado State University. And, it concluded by a talk on the lessons learned during the Calgary flood and Slave Lake fire by Tom Sampson, Chief of the Calgary Emergency Management Agency. Joined by Dr. Caroline McDonald-Harker, the CCDR also thanked and presented gifts to several community partners from High River who helped with the High River Family Study.



Seminars

As part of its mission, the CCDR seeks to increase dialogue about disasters and catastrophic events. One way that we do this is by hearing from speakers doing cutting-edge disaster work. Our seminars, more formal lecture-style events, allow participants to both learn and engage with this work. During the 2014-2015 year, we held four seminar events:

“Healthcare After a Disaster: Lessons Learned” (April 2015). Faculty Affiliate Cathy Carter-Snell teamed up with Nicola Waters to discuss the challenges to the healthcare system faced during the 2013 flood in Calgary, with a special focus on providing healthcare at evacuation centres.

“Compassion Fatigue: Giving Back After a Disaster.” (February 2015). This seminar by CCDR Faculty Affiliate Pat Kostouros brought more than 50 people together to learn about the compassion fatigue phenomenon and how responding personnel can be shielded from it following a catastrophic event.



“Search-and-Rescue Operations After Disaster” (October 2014). This seminar, co-hosted with the Department of National Defence, brought Captain Francois Fasquelle to campus, a search-and-rescue pilot from Comox, BC.

“The Calgary Stampede After the Flood” (November 2014). CCDR Affiliate Sheridan McVean brought in Kurt Kadatz, the Director of Communications for the Calgary Stampede, to talk about the Stampede’s approach to crisis communication following the 2013 flood. Though he brought in Mr. Kadatz as a guest speaker for his course, he generously opened up the talk to any interested CCDR persons.

Brown-Bags

The CCDR also hosts smaller brown-bag events which are very informal sessions where faculty and students exchange ideas, talk about ideas for new projects, and otherwise work on developing projects in their very early stages. This year, the CCDR hosted two brown-bag events:

“Crisis Communications Following the Melville, Saskatchewan Flood” (March 2015). Faculty Affiliate Bill Bunn shared his experiences in Melville, SK following their devastating 2014 flood, as well as the lessons learned during that event, to a small brown-bag audience.

Faculty Affiliate Brown-Bag (November 2014): The faculty affiliates gathered to exchange ideas for the grant funding program, for future events, and for the strategic direction of the Centre.



Mixer Event

In April 2015, the CCDR hosted a Mixer event. The event brought together faculty members, students, and community partners, to discuss common interests in disaster response and recovery (i.e., vulnerable populations, mental health, and environmental sustainability). Over excellent food and drink, participants met, networked, and formed working relationships.





Calgary Emergency Management Agency Symposium

Disaster Risk Reduction Symposium (March 2015): Co-hosted with the City of Calgary, this event drew more than 150 people and was held in MRU's Ross Glenn Hall. We heard from three dynamic speakers and the event concluded with a panel discussion, moderated by CCDR Director Tim Haney.

Youth Creating Disaster Recovery – Event at Highwood High School

As part of our Grand Opening, the CCDR hosted Dr. Lori Peek, who leads the Youth Creating Disaster Recovery project. Joined by Dr. Robin Cox and Dr. Tim Haney, the group gave a presentation on youth and disaster recovery to the local high school in High River, Alberta in September 2014.



Innovative Research

The CCDR spent much of the year developing a grand proposal, implementing the proposal through the Office of Research Service's online portal, and soliciting applications from interested faculty members and community partners.

To date, the Centre has received five proposals, has funded three of them, and is currently deciding upon another. Our currently funded projects are:

Reconstruction of the Paleoflood History of the High River Area

This project, undertaken by Dr. Matthew Swallow of the MRU Department of Environmental Science, will help to create a paleoflood history--a record of floods in the High River area not found in the historical documents. A paleoflood history is reconstructed by seeking evidence in the soil record that helps us reconstruct flooding events which occurred prior to the historical record. Evidence of past events is found in soil horizons (layers) where the landscape allowed for flood waters to slow enough to deposit sediment. Estimating the age of past flood events is then done by using radiocarbon dating on organic material present in each distinct horizon. This project is the first attempt at creating a paleoflood history of the High River area. Future work will expand the number of sites to reconstruct the extent of paleofloods across the landscape surrounding the town of High River.

Increasing Preparedness in Calgary's Youth for Natural Disasters

Spearheaded by Dr. Katherine Boggs of the MRU Department of Earth Sciences, this project will develop two outreach programs designed to guide local high school and elementary school students towards preparing themselves and their families in case of natural disasters in the local area and when traveling. These programs are intended to guide entire communities to better preparedness through education of the youth, who will hopefully guide their families towards improved planning in case of natural disasters. The effectiveness of such an approach was demonstrated by then-10 year old Tilley Smith who convinced her parents to evacuate the beach at Phuket, Thailand prior to the arrival of the 2004 tsunami. Tilley recognized the signs of an approaching tsunami because of a geography class two weeks prior to her family Christmas vacation. Tilley's actions saved at least 100 lives.

These two outreach programs are being modified from a class project in the MRU GEOL 1101 and GEOL 1109 courses – where MRU students develop their own models for surviving natural disasters. The high school portion will be embedded within a new Alberta Geology program that will be piloted at a Calgary high school in September, 2016 (natural disasters and preparedness will be a significant component of this course). The elementary school program is the new grade 5/6 stage which will involve comparing and contrasting the impact of the 2005 and 2013 floods on the local landscape and creating risk maps for south Calgary. These risk maps will be contributed to the local communities and CEMA to assist in disaster response planning for south

Calgary. One of our partners, CEMA (Calgary Emergency Management Agency), will be “training the trainers” on this team.

Depicting Suffering: The Student Experience

Led by CCDR Faculty Affiliate Patricia Kostouros of the MRU Department of Child and Youth Studies, the project will help us understand experience of students who have witnessed the suffering of others in a post-secondary classroom. This inquiry will be posed to a particular population of students; those already interested in the sociology of disaster. The main question under investigation is: what can students’ experiences of encountering the suffering of others, in their course curriculum, tell us about learning and inform teaching practice in relation to using materials that depict the suffering of others? Questions to assist in gaining this information as a starting point for interviews would be: what worked in the delivery of materials that depict suffering and what could have been done differently in a pedagogical sense?

Besides our direct financial support of disaster research, the CCDR works to facilitate projects happening at MRU without use of the CCDR grant program. Currently, we have several Associated Projects that we support:

Alberta Resilient Communities

Dr. Caroline McDonald-Harker from MRU (Faculty Affiliate) has teamed up with Dr. Julie Drolet from the University of Calgary (Faculty Affiliate) and Dr. Robin Cox from Royal Roads University to conduct a research study on disaster resilience in the wake of the devastating and costly 2013 Southern Alberta Flood Disaster. This collaborative interdisciplinary research partnership has been formed in order to explore the complex interrelationships between vulnerability, risk, and resilience among children, youth, and their communities impacted by the 2013 Southern Alberta Flood Disaster. Their research study entitled “Alberta Resilient Communities Research Project: Engaging Children and Youth in Community Resilience Post-flood in Southern Alberta”, is funded by an [Alberta Innovates – Health Solutions](#) (AIHS) CRIO-Population Resiliency research grant of \$1.25 million. This research study examines and focuses on the lived realities of flood-impacted children, youth, and their communities in order to better understand the social, economic, health, cultural, spiritual, and personal factors that contribute to resiliency. The partnership also includes academic and community-based researchers, knowledge end-users, government stakeholders, and numerous community partners (schools, social service agencies, community organizations, etc.) from Calgary, High River, and the outlying Foothills region. This community-based research is grounded in a child- and youth-centered participatory approach in which children and youth are engaged and empowered as active participants in the research process.

High River Family Study

With Support from a SSHRC Partnership Development Grant (\$165,336) and an Institute for Environmental Sustainability standard research grant (\$19,800), this project is a 3-year research

study on the 2013 High River, Alberta flood. This research study explores family members' struggles, difficulties, coping strategies, and needs resulting from the 2013 floods in the community of High River. This research examines communication, coping, and caring in family life post-disaster in order to determine how family life is altered by the disaster context, how experiencing a disaster influences family interactions and relations, and how families manage and function during and after a disaster. This study uses a qualitative research approach, which consists of 105 face-to-face in-depth interviews with parents in High River who have child/children under the age of 18 yrs and who were directly impacted by the 2013 High River, Alberta floods, as well as 10 focus group interviews with community agencies within High River, Alberta who directly provide services, resources, and assistance to residents in the town, particularly during and post-flood. This research study consists of a highly involved, cooperative, and equitable collaboration with several key community partners in High River, Alberta. The central purpose and immediate goal of the research is to use the research findings and results to influence, shape, and structure the programs, services, and resources that local community organizations offer to families residing in the community of High River who have been impacted by the flood disaster. The long term goal of the research is to provide a useful tool to assist families in other communities who have experienced major disasters, or who may in the future experience major disasters in Canada or internationally to best prepare for, respond to, cope, and prevent environmental disasters. Importantly, the work also includes nine community partner organizations from High River, all of whom help to move the project forward and will hopefully benefit from its findings.

Evacuation Decisions, Displacement, and Network Activation During the 2013 Calgary Flood

With support from a SSHRC Insight Grant (\$103,000), this project is helping to reveal how families and households make difficult decisions during a disaster, what factors (gender/household composition, physical vulnerability, race/ethnicity/nativity, income/wealth, religion, etc.) predict timely evacuation, and how affected people mobilize their social networks to secure needed resources (housing, clothing, childcare, and so forth) during evacuation and displacement. To do this, Dr. Tim Haney and five Research Assistants collected a unique set of survey data from residents of all 26 of Calgary's evacuated and/or flooded neighbourhoods. The project follows the experiences of evacuated households through the temporal arc of the disaster: warning, evacuation, displacement, and in some cases, return and rebuilding, to help us better understand how households mobilize both economic and social resources in a time of need.

Project Funding

Besides the CCDR's operational funding (reported below), CCDR faculty affiliates were successful in attracting more than \$1.34 million in external funding for specific disaster projects. These grants include:

McDonald-Harker, Caroline (collaborative co-lead). Dr. Julie Drolet (Collaborative Lead), and Dr. Robin Cox (Collaborative Co-Lead). 2015. "Alberta Resilient Communities Research Project: Engaging Children and Youth in Community Resilience

Post-flood in Southern Alberta”, funded by an Alberta Innovates – Health Solutions (AIHS) CRIO-Population Resiliency research grant. (\$1,059,716)

Haney, Timothy J. 2015. Grant to Support the 2015 Field School in the Sociology of Disaster to New Orleans, Louisiana. Campus Alberta Grant for International Learning, Government of Alberta (\$12,000)

McDonald-Harker, Caroline and Timothy. J. Haney. 2014. “The Effects of Environmental Disasters on the Family: Communicating, Coping, and Caring Among Families Impacted by the 2013 High River, Alberta Floods.” Funded by the Partnership Development Grant Program, Social Sciences and Humanities Research Council (SSHRC) of Canada. (\$165,339)

Haney, Timothy J. (2014). “Evacuation Decisions, Displacement, and Network Activation During the 2013 Calgary Flood.” Funded by the Insight Grant Program, Social Sciences and Humanities Research Council (SSHRC) of Canada. (\$102, 774)

Partnerships

The Centre involves a number of Community Partners in its research and events, including staff from the City of Calgary, Alberta Emergency Management Agency, Red Cross, and others. Below are a few of the ways we worked with our partner organizations this year:

Emergency Social Services Network of Alberta

During the summer of 2014, ESSNA approached Dr. Haney about collaboration on a set of data they collected from service providers in the aftermath of the 2013 Southern Alberta flood. Dr. Haney analyzed their qualitative data for them, culminating in a coauthored report “The Other Side of the Yellow Tape: An Analysis of ESS Learning Event Data from the 2013 Southern Alberta Flood” by Scott Cameron (ESSNA and City of Red Deer) and Tim Haney (CCDR and MRU). This report also culminated in a joint talk with ESSNA at the Alberta Emergency Management Agency (AEMA) Stakeholder Summit in Edmonton (November 2014).



Urban Conservancy

The 2015 New Orleans Field School students from Mount Royal partnered with a local non-profit called the Urban Conservancy on their StayLocal! campaign, aimed at helping small, independent, locally owned businesses survive (which is particularly challenging in the post-Katrina business climate). The CCDR helped to design a survey with the Urban Conservancy and the 16 MRU students carried out the survey, collecting data from both residents and tourists about their use of small, independent businesses. We hope this work will culminate in a joint report. Based upon our work with the Urban Conservancy in 2013, we helped to produce the 2014 “New Orleans Independent Business Trends Report.”

FEBRUARY 2014 NEW ORLEANS INDEPENDENT BUSINESS TRENDS REPORT

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by the good
folks at Urban
Conservancy &*



Greater New Orleans Area Habitat for Humanity

As part of the sociology field school, the class spent time building homes with New Orleans-Area Habitat for Humanity. We worked in the New Orleans-East neighbourhood, an area still heavily affected by Katrina.





Lower 9th Ward Center for Sustainable Engagement and Development

The New Orleans students also worked closely with the Lower 9th Ward CSED, a small, local, grassroots organization aimed at rebuilding the Lower 9th Ward, an area devastated by Hurricane Katrina, in a just and sustainable way. We worked with them on various neighbourhood cleanup projects, working directly with local residents and homeowners.



Teaching

Courses

The CCDR identified 15 courses on campus related to disasters, many of them taught by our Faculty Affiliates. Additionally, 2014 saw the launch of MRU's new Emergency Management and Disaster Recovery certificate in Continuing Education, which we helped to promote. Centre faculty members discussed how to build from one another's courses. For instance, in the future, we might share guest speakers or conduct field exercises across multiple sections of disaster-related courses.

New Orleans Field School

In May 2015, Dr. Tim Haney took a class of 16 students to New Orleans to learn about disaster recovery. The students toured the area, worked with several local non-profits, and took a service-learning approach to experiencing New Orleans. The CCDR employed one of the students, Roxy Trask, as our official photographer, videographer, and blogger. She created some excellent content which we will be featuring on our website in the coming months.



Working with the Lower 9th Ward Center for Sustainable Engagement and Development, in New Orleans



Meeting with officials from the City of New Orleans, at City Hall



Learning about the BP oil spill from local residents and coastal researchers in Plaquemines Parish, Louisiana

Hands-On Learning

In Fall 2014, Dr. Tim Haney and Dr. Caroline McDonald-Harker took their classes to High River, to learn about recovery from the 2013 flood. We met with local officials, including the Mayor, and toured the town.



In addition, Faculty Affiliates Sandra Braun and Sheridan McVean engaged their COMM 4860 (Crisis Communication) students in an emergency response simulation in November 2014. The scenario was a simulated explosion and fire at a natural gas processing facility near a populated area. The challenge for the students was to manage communications with everyone involved and included the use of traditional and social media.

Communicating

Communicating results of our work is at the heart of what we do at the CCDR. Besides our internal seminars and brown-bags, CCDR Faculty Affiliates give many presentations to external

stakeholders, publish their research in peer-reviewed venues, write reports collaboratively with our partners, and otherwise work to create and advance knowledge in the field.

Presentations

Centre faculty members gave talks to a number of different audiences during the academic year, including several community lectures to the City of Medicine Hat (Tim Haney), a talk on High River flood recovery for the Canadian Sociological Association (Caroline McDonald-Harker), moderating a panel on social vulnerability at the Natural Hazards Center's annual workshop (Tim Haney), moderating a panel for the Calgary Emergency Management Agency (Tim Haney), and giving a talk for the Institute for Environmental Sustainability at MRU (Haney and McDonald-Harker). Other presentations included talks on Compassion fatigue to The Action Coalition Against Human Trafficking and the Rockyview School District (both by Patricia Kostouros).

Publications

Despite the Centre being in its infancy, CCDR Faculty Affiliates were also successful in having their work published. Below is a list of citations from CCDR Faculty Affiliates from this year:

Haney, Timothy J. 2015. "Learning from Disaster: Post-Katrina New Orleans as a Sociological Classroom." Pp. 185-204 in *Rethinking Disaster Recovery: A Hurricane Katrina Retrospective*, edited by Jeannie Haubert. Lanham, MD: Lexington Books.

Cameron Scott and Timothy J. Haney. 2014. "The Other Side of the Yellow Tape: An Analysis of ESS Learning Event Data." Published by the Emergency Social Services Network of Alberta. Available at:

http://www.mtroyal.ca/cs/groups/public/documents/pdf/ccdr_essnareport.pdf

Media Interviews

Caroline McDonald-Harker was interviewed (television and newspaper interview) by the Calgary Herald on June 22, 2015 about the Alberta Resilient Communities study, funded by an AIHS CRIO grant. Story here: <http://calgaryherald.com/news/local-news/academics-to-gather-lessons-learned-from-flood-survivors>

Caroline McDonald-Harker was interviewed (television interview) by Global News Calgary on June 22, 2015 about the Alberta Resilient Communities study, funded by an AIHS CRIO grant. Story here: <http://globalnews.ca/news/2069230/study-investigates-disaster-impact-resiliency-of-kids-in-2013-floods/>

Caroline McDonald-Harker was interviewed (radio interview) by 770 news on June 22, 2015 about the Alberta Resilient Communities study, funded by an AIHS CRIO grant. Story here: http://www.newstalk770.com/2015/06/22/68227/?sc_ref=twitter

Caroline McDonald-Harker (radio interview) by 660 news on June 22, 2015 about the Alberta Resilient Communities study, funded by an AIHS CRIO grant.

Caroline McDonald-Harker was interviewed (video interview) by Alberta Innovates – Health Services on June 22, 2105 about the Alberta Resilient Communities study, funded by an AIHS CRIO grant. Story here: <http://www.aihealthsolutions.ca/news-and-events/media-centre/new-research-examines-resiliency-in-children-and-youth-from-the-2013-southern-alberta-floods/>

Caroline McDonald-Harker was interviewed (radio interview) by Charmers Almanac CJSW 90.9FM study on June 26, 2015 about the High River Family study, funded by a SSHRC partnership Development Grant. Story here: <https://twitter.com/charmursalmanac/status/614084572607688704> . And here: <http://charmursalmanac.com/blog/2015/06/25/episode-73-flood-special-part-2/>

Website Launch

We are thrilled that in July 2015 our website launched. It was designed by the group of MRU students and alumni called Design4Change, who work out of the Bisset School of Business. Our site is designed to foster both innovation and collaboration, while showcasing the exciting disaster work happening at MRU.

The site can be accessed at: www.mtroyal.ca/ccdr

BUDGET AND SPENDING

The following information on our budgeting and spending activity is drawn from the Statements of Account provided to the Director of the CCDR by MRU's Office of Research Services. Amounts are accurate as of the July 31, 2015 statement date.

Budget for 2014-2015

Sources	Amount Available	Amount Spent
The Calgary Foundation	\$30,000	\$11,231
SSHRC Aid to Small Universities Grant	\$29,380	\$8,722
Institute for Environmental Sustainability	\$10,000	\$0
TOTAL	\$69,380	\$19,953

Budget Narrative

In its first year of existence, the CCDR came significantly under-budget. Out of \$69,380 available to spend, our costs for the year totaled \$19,953, putting us in the black by \$49,427. Therefore, we are most certainly financially sustainable, with income far surpassing expenditures.

Our expenditures in Year 2 (2015-2016) should increase fairly substantially for two reasons: First, we will need to pay for the second half of our website development, including its launch. Second, now that our grant program is up and running, researchers affiliated with the Centre will begin using CCDR funds to move their projects forward. Though we will still keep expenditures in line with income, we expect that we will spend far more than \$19,953 in the coming year.

LOOKING FORWARD

Now well established, the CCDR is looking ahead to 2015-2016 as a growth and capacity-building year. We anticipate funding several more research projects, increasingly using our website as a hub for knowledge dissemination and collaboration, involving even more students in Centre activities, and hosting several events—kicked off by our Fall Lecture, scheduled for September 25, 2015.

With the continued energy and dedication of our faculty affiliates, students, community partners, and funders, we are excited for the possibilities that the future holds—a future where the CCDR contributes meaningfully to mitigating disaster risk and creating safer, more just communities after a catastrophic event does occur.



