



Principal Investigator

Chad Gaffield – *UOttawa*

Team Leaders

Carl Amrhein – *Toronto/Alberta*

Peter Baskerville – *UVic*

Claude Bellavance – *UQTR*

Sean Cadigan – *MUN*

Gordon Darroch – *YorkU*

Charles Jones – *UToronto*

France Normand – *UQTR*

Evelyn Ruppert – *Trent/York*

Eric Sager – *UVic*

Marc St-Hilaire – *ULaval*

Lorne Tepperman – *UToronto*

Adam Green – *UOttawa*

Coordinators

Carmen Bauer – *UOttawa*

Nicola Farnworth – *YorkU*

Byron Moldofsky – *UToronto*

Terry Quinlan – *MUN*

Laurent Richard – *ULaval*

Doug Thompson – *UVic*

Martine Tremblay – *UQTR*

Partner Universities

* University of Victoria

* York University

* University of Toronto

* Université du Québec à

Trois-Rivières

* Université Laval

* Memorial University of

Newfoundland

* University of Ottawa

CCRI Partners

* Statistics Canada

* Newfoundland & Labrador

Statistics Agency

* Library and Archives Canada

* IBM Canada

* Institut de la statistique du

Québec

* International Microdata Access

Group

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CCRI Newsletter

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Word from Chad Gaffield

At the heart of the Canadian Century Research Infrastructure are multiple relationships that we hope will continue to deepen and expand as the work that we began full-time in 2003 now reaches completion. Imagined and cultivated over the years before and after the launch of CCRI, these relationships range across disciplines, institutions, national boundaries and the private and public sectors. Taken together, they provide a strong foundation upon which unprecedented research has now been enabled on the making of modern Canada. As CCRI team members look forward to building upon our experience together in the pursuit of new individual and collective initiatives, we invite all of you to

begin spatial and temporal analysis of the 1911-1951 period.

It has been an unforgettable privilege for me to have had the chance to participate in such productive and rewarding relationships as we have conceptualized and constructed the Canadian Century Research Infrastructure. While I am immensely proud of the successful completion of this ambitious, complex, and innovative project, I will most cherish the memories of collaborating with CCRI team members and partners across Canada and around the world. Many, many thanks to all of you, and all the



Chad Gaffield
CCRI Principal Investigator

best as we continue drawing upon the past to help create a better future. Yours in CCRI,
Chad Gaffield.

Chad Gaffield
CCRI Principal Investigator



Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

From left to right: Carmen Bauer, CCRI Coordinator (UOttawa), Laurent Richard, CCRI Coordinator (Laval), Nicola Farnworth, CCRI Coordinator (YorkU), Chad Gaffield, CCRI Principal Investigator, Byron Moldofsky, CCRI Coordinator (Toronto), Doug Thompson, CCRI Coordinator (UVic) and Terry Quinlan, CCRI Coordinator (MUN). Martine Tremblay, CCRI Coordinator (UQTR) - absent.

University of Victoria team

As we gear up to wind down it is appropriate to pause and reflect on what we have accomplished. Here at the University of Victoria we have entered, cleaned and coded sample data covering the Canadian west and north for five twentieth century censuses as well as completed some strategic oversampling for 1911. In addition we contributed contextual data from western newspapers for each census year and when appropriate assisted in the GIS activities. We also hosted two annual meetings: the Project's first, at the University of Victoria, and the Project's last annual meeting, at the University of Alberta. The last meeting was a gala affair celebrating the CCRI accomplishments in part by holding an international conference on the state of play in the historical digital data base world.

None of this could have been realized without the professional contributions of our data enterers some of whom have been with us since the beginning. Theresa McFarland, Lars Brusven and Taren Jones have been particularly dedicated. Patrick Frisby has proven invaluable in the domain of data programming and general DB maintenance activities. Doug Thompson, our UVic coordinator, has kept his steady finger on the pulse throughout all challenges. Without him it



Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

Introductory greetings at the reception: Peter Baskerville, Chair Modern Western Canadian History, Departments of History and Classics and Humanities Computing, University of Alberta and CCRI Team Leader (UVic)

is hard to see how we would have proceeded. Through their collective hard work and that of those at other centers, the closing of the CCRI will mean the opening of the twentieth century for research activities hitherto unattainable.

Peter Baskerville
CCRI Team Leader
UVic

Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

First row, from left to right: Patrick Frisby, Adam Green, Doug Thompson.

Second row, from left to right: Chad Gaffield, Peter Baskerville, Claude Bellavance, Byron Moldofsky, Kerrie Lowe, Laurent Richard, Brian Jennings, Evelyn Ruppert, Terry Quinlan, Nicola Farnworth, Mirela Matiu, France Normand, Marc St-Hilaire, Carmen Bauer.



University of Toronto team

The support of the Department of Geography here at U of T has been most important to the successful completion of our tasks, led by chairs Joseph Desloges and Virginia Maclaren, and facilitated by Business Officer Marika Maslej and Systems Administrator Bruce Huang.

Special thanks must go to Jane Linley, the Senior Business Officer Consultant, in the Faculty of Arts and Science, who has made the difficult process of moving all the money around, and making sure it is in the right place when needed, so seamless for us.

In addition, our colleagues in the Department of Sociology, led by Team Leaders Lorne Tepperman and Charles Jones, have contributed valuable background research and consultation to further the goals of the project, and the support of that Department is also greatly appreciated. They greatly depended on students and other staff to aid this, and thanks are due to: Heather Wallace, Amy Withers, Katie Frank, Golanz Emam, Filip Alexandrescu, Ye Zhang, Ai Kwan, Tara Verma, Maja Jovanovic, Tamara McNaughton, Charis Lo, Andrea Cohen, and Wen Xiao.

The University of Toronto CCRI centre's main role has been in reconstructing the geography for the CCRI censuses, along with our colleagues at Laval. The hard, day-to-day slog of this job, has been accomplished by full-time GIS staff, and student geocoders, who have been up to their eyes in Census subdivision polygons, Township-Range-Meridians, Visitation Records,

and the scribbles of Enumerator's manuscript images, for the past 6 years. What kind of expertise do they need to develop for this work? Just to get an idea, here is a short list:

- GIS geodatabase design and editing skills par excellence
- an intimate knowledge of historical surveying and mapping from 1901-1961
- the patience, perseverance, and mental agility needed to piece together the complex, cryptic jigsaw puzzle matching parts of Enumerators walks to Census subdistricts, based on an often inadequate historical record

The GIS professionals and student workers on the U of T CCRI team have risen to these challenges admirably. The "geodatabase processors" who have made great contributions: Suzanne Brooks, Shirley Leung, Ricky Hernden, Rebecca Hii, and Jonathon Hooper. The GIS professionals: Chris Canuel did excellent work on the project. Justin Ngan has been a major contributor, as a researcher and latterly as the key GIS editor, ever since the beginning. Mariange Beaudry got the project started as the full-time geodatabase designer, and has continued to contribute her valuable experience throughout. Finally, Kerrie Lowe, on the project since 2003, the de facto supervisor of geocoding for the last 3 years, and primary liaison with all the other CCRI data entry offices, has been key to the project's success.

We must also salute our colleagues at the other CCRI centres, and especially our geography colleagues at Université Laval, Laurent Richard and Marc St.-Hilaire, and their team. They have all made our cross-country collaboration so fruitful, and so relatively painless! Félicitations à tous!

Byron Moldofsky
CCRI Coordinator
University of Toronto



Photo of the CCRI Team members taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

From left to right:
Justin Ngan,
Laurent Richard,
Kerrie Lowe, Rick
Smith, Byron
Moldofsky, Gordon
Darroch,
Chad Gaffield and
Anthony Di Mascio.



Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

From left to right: Gordon Darroch, CCRI Team Leader (YorkU), Eliot Phillipson, President Canada Foundation for Innovation, Chad Gaffield, President of the Social Sciences and Humanities Research Council of Canada and CCRI Principal Investigator and Evelyn Ruppert, CCRI Team Leader (YorkU)

York University team

As we look back on the CCRI project, our thanks are due first to the institutional partners who contributed to the success of the CCRI at York. In particular we wish to acknowledge the considerable substantive and intellectual support of the Office of the Vice-President Research & Innovation and the collaborative assistance of our colleagues at York's Institute for Social Research, especially its Director, Michael Ornstein.

Our work at York has encompassed the sampling, data entry and verification of Ontario census returns for the five censuses, the collection, entry, verification and coding of historical contextual data from Ontario and the Maritimes as well as many initiatives for sampling, system testing, data coding, documentation, and data analysis. We especially thank our Data Entry Supervisor, Alden Cudanan, for his years of thoughtful coaching of the data entry team and his careful stewardship of the micro data entry process. In recent years our Context Data dossier has thrived under the attentive direction of Ryan McVeigh and Mihaela Irina and our particular thanks are due to Chris Clubine-Ito for his diligent work to assure the integrity of the micro data deliverables, serving as the national team's "beta test" researcher. More than forty staff contributed their skills, enthusiasm and camaraderie to this unique endeavor at York. One of the most satisfying features of the project was the extent to which this large group came to share a common culture regarding the integrity of the data and its historical value. It is with a mixture of pride and sadness that we prepare to say "adieu". We thank the following DEOs and Data Processors for their contributions:

Wafiyah Ali, Saoussan Askar, Lina Anani, Becky Beausaert, Manon Bussi ers, Valentina Capurri, Jason Carlin, Jennifer

Carter, Lynda Cheng, Elena Chou, Jeanine Claus, Jennifer Crews, Amandeep Kaur Dhanoa, Chantale Dureau, Laura Fenton, Heather Garrett, Mario Gravelle, Rebecca Hii, Andrea Hofmann, Osayi Igharo, Kristine Jardinero, Susan Ladner, Catherine Lampron-D esaulniers, David Law, Loic Lawson, Divya Love, Sum Yee Man, Divya Mendon, Zalina Mohamad, Anthea Murphy, Tracy Nguyen, Zabi Noori, Nicole Orth, Augustine Park, Frank Peddie, Maria Pitiakoudis, Liz Rondinelli, Omer Saleem, Nino Scavello, Lee Slinger, Shannon Stettner, Hong Sau, Betty Tai, Carrie Tanguay, Betanya Maru Tefera, Stephanie van den Berg, Telle Vil-kama, Doug Webster.

Our thanks are due too to the Information Technology staff at York, whose expertise was invaluable. Our thanks to Geoff Carman, to Jean Chan Kong and Himanshu Vyas, who became part of our local culture, and to Delfim Cardoso, our latest advisor.

Evelyn Ruppert began as York's first Coordinator, and collaborated in the launch of the national project. With her academic appointments at Trent and then the Open University, U.K., she became an active Team Leader, sharing responsibilities with Gordon Darroch. Samantha Pawley replaced her, followed shortly by Nicola Farnworth, who has served as Coordinator and indispensable colleague and collaborator since 2005. We have shared a deep commitment to the success of this rare project.

Finally, thanks to all the Coordinators, Team Leaders and CCRI staff for their professionalism and years of friendship. Well done, and may we meet again in the discovery of Canada's still hidden histories!

Gordon Darroch and Evelyn Ruppert

CCRI Team Leaders

York University

University of Ottawa team

It is almost 4 years ago that I joined the CCRI team as project coordinator. From the beginning I benefitted greatly from the support of a highly dedicated and professional team of IT specialists, graduate students, and assistants, and I would like to take the opportunity here to thank them all for their great work.

First of all, I owe much gratitude to Dale Anderson, my predecessor, whose initial work and careful preparation of my transition into the team made my start as easy as it possibly could have been in a complex project like the CCRI.

I joined the CCRI at one of the most crucial phases in the project. The development of SPIDER had just started and the CCRI had just hired a second programmer, Brian Jennings, in order to tackle this enormous task. Under the leadership of Richard Smith, the principal creator of the software, these two colleagues tackled major problems with creativity and initiative. At this time the ever growing database was managed by Michel Gaudreault, who also had a hand in its design. The CCRI benefitted greatly from his vast experience with DB2 and, even more importantly, his understanding of the particular role of information technology within academia. The entire IT team proved to be infinitely patient with me, and I learned a great deal from them.

In the trenches were the research assistants. Adam Green (who would later become a team leader) and Anthony Di Mascio are the architects of the User Guide, and have made many other great contributions. Both of them obtained their PhD in History during their time with the CCRI. Nic Clarke was our coding coordinator. He was later assisted by Katie Rollwagen, Tali Weissberger and Asa McKercher.

Last but not least, my work would not have been possible if it were not for the help from the two project assistants, Sandra Clark and Mirela Matiu. They were profes-

Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

In the picture: Carmen Bauer, CCRI Coordinator (UOttawa), Mirela Matiu, Kerrie Lowe, Anthony Di Mascio, Theresa McFarland and Patrick Frisby



Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

From left to right: Brian Jennings, Adam Green Anthony Di Mascio (UOttawa Team)

sional and efficient in performing their daily routine, while never hesitating to take initiative whenever needed. Thanks to their creativity, the CCRI and its activities has been made public throughout the last 6 years through the CCRI website as well as this bi-annual newsletter.

Carmen Bauer
CCRI Coordinator
UOttawa



UQTR team

It is with satisfaction at a job well done but also a little sadness that we see the end of the project approaching. Over 30 student assistants have evolved on our team over the past six years. Their perseverance and attention to detail as well as the strong feeling of fellowship that gradually developed in the "bunker" made this personal, professional and academic experience a very valuable one for CIEQ-UQTR. We thank the following DEOs for their contributions:

François Antaya, Simon Bernier, Benoît Bourbeau, Charles Bussi eres-Hamel, Tomy Grenier, Dominic Leblanc, Mario Marchand, Olivier Pogam, Simon Roy, Nicolas Laurent, Marie-Line Audet, Jos ee Breault, Manon Bussi eres, Caroline Champagne, St ephanie Cloutier, Val ery Colas, Violaine Damphousse, Alexandra Dion, Amanda Dreyer, Isabelle Dupuis, Chantale Dureau, Marie-Eve Lachapelle, Catherine Lampron-D esaulniers, Fr ed erique Lamy-Langlois, Audrey Martel, Roxanne Martin, Mirela Matiu, Karine Maurais, Jacinthe Mercier, Paul- tienne Rainville, Mich ele Robitaille, Virginie Rouverot, Caroline Talbot and Karine Thouin.

For several years, we have been able to count on the technical support and especially the unfailing patience of our computer specialist, Mario H ebert. Thank you, Mario. We wish you much success in your new duties at UQTR!

Three supervisors participated at one point or another in coordinating the students and ensuring our activities ran smoothly. They included Caroline Coulombe (primarily involved in implementing contextual data), Gilles Vall ee, and our "veteran," Hughes Brunoni, who scrupulously applied



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In the picture: Claude Bellavance, CCRI Team Leader (UQTR) and France Normand, CCRI Team Leader (UQTR)

the data input rules and reviewed the assistants' work and relentlessly flushed out errors wherever they were hiding.

Above all, our team owes a great deal to our coordinator, Martine Tremblay, for her vitality, commitment and drive. In many respects, Martine's involvement was essential to the project's success!

Finally, some CIEQ-UQTR staff directly supported us in our efforts. We wish to express our sincere appreciation to Marie Germain, Jean-Fran ois Hardy, Catherine Lessard, Jean-Fran ois St-Louis and Fran ois Gu erard.

Many thanks to everyone!

Claude Bellavance and France Normand
CCRI Team Leaders
UQTR

Photo taken at the time of the Annual Meeting held in Edmonton, Alberta, October 3-5, 2008.

Chad Gaffield, President of the Social Sciences and Humanities Research Council of Canada (SSHRC) and Principal Investigator of the CCRI and Claude Bellavance, CIEQ, UQTR and CCRI Team Leader



Université Laval team

The time has already come to say goodbye! First, we would like to thank all our partner institutions and the team of researchers who made this project possible. At Université Laval, allow me to mention the unflagging support of the Vice-President (Research) and the *Centre interuniversitaire d'études québécoises*. We also wish to acknowledge the major role played by the Department of Geography and the support provided by various departments within the university community (finance, physical resources, security and prevention, computing and telecommunications, etc.). Our entire work team warmly thanks Marc for his confidence in us and his support throughout the project.

Two devoted research professionals guaranteed the success of this endeavour at the university, namely Jeannette Larouche, supervisor of data capture, and Pierre C. Poulin, head of cartographic file creation. Laura-Lee Bolger also contributed greatly to this cartographic work. As well, other people collaborated on this project with enthusiasm and professionalism: Anyk Argouin, Lysanne Audet, Maude Audet Morin, Marianne Audette Chapdelaine, Claude Beaumont, Dominic Bissonnette, Kathy Bonneville-Jobin, Vincent Collet, Laura Daleau, Christine D'Amours, Stéphan Demers, Philippe Desaulniers, James Forrest, Eliane Galarneau, Cédric Ghislain, Étienne Girard, Stéphane Harrison, Julien Harvey, David Lamontagne Métivier, Katy Langlois, Nicolas Lanouette, Émilie Lapiere Pintal, Élisabeth Lapointe, Geneviève Laprise Pelletier, Mélissa Laroche, Anne-Marie Lemieux, Jennifer Mallet, Philippe Marchand, Alexandre Normandeau, Mélissa Normandin, Sébastien Picard, Catherine Plante, Annik Poirier, Kevin Randall, Natasha Roy, Élisabeth Simard, Sarah St-Arnaud Trempe, Julie St-Hilaire Samuelson, Anthéa St-Laurent Vallée, Catherine Vallée and Marie-Andrée Vallières. We wish to express our sincerest thanks to all these people.

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From left to right: Justin Ngan, Byron Moldofsky, Kerrie Lowe, Laurent Richard and Marc St-Hilaire

Above and beyond the CCRI's considerable contribution to science, it allowed us to forge strong bonds of friendship with colleagues from various institutions. We also had the privilege of designing the CCRI's cartographic component with colleagues from the University of Toronto. Kind regards to Byron Moldofsky, Mariange Beaudry, Kerrie Lowe and Justin Ngan, the team with whom we had extensive and fruitful dealings. We enjoyed the same relationship with all the coordinators from the other centres and the computing development team. Our countless exchanges of emails, our conference calls and our annual meetings will be missed!

Many thanks to Chad Gaffield, whose extraordinary leadership fostered a genuine team spirit that proved key to achieving the objectives of this major project. The exceptional contributions made by the University of Ottawa's successive coordinators must also be highlighted. Finally, in memory of Angela Mattiacci, we can finally say, "mission accomplished!" Thanks and congratulations to everyone. Until next time!

Laurent Richard
CCRI Coordinator
Université Laval



Some Université Laval CCRI team members.

From left to right: Laurent Richard, coordinator, Pierre C. Poulin, head of cartographic file creation, Jeannette Larouche, supervisor of data capture and Marc St-Hilaire, Team leader.

CANADIAN CENTURY RESEARCH INFRASTRUCTURE



**Institute of Canadian
Studies**
University of Ottawa
52 University Street
Ottawa Ontario K1N 6N5
Canada

Graphic Design and Editing

Mirela Matiu

CCRI Project Assistant

Phone: 613-562-5800 #
3657

Fax: 613-562-5216

E-mail:

mmatiu@uottawa.ca



Infrastructure de recherche sur le Canada au 20^e siècle

MUN team

The CCRI project's work at Memorial University developed along two fronts. First, we constructed the databases of samples of the 1911 through 1951 Canadian censuses for the Maritime Provinces. Second, we constructed an oversample of the entire 1911 through 1945 censuses of Newfoundland and Labrador. The latter project has led to unprecedented local cooperation between historians, statisticians, geneticists, and physicians in applying CCRI databases to the study of family history in pharmacogenetic and pharmacoepidemiological research. Locally, this research would not have been possible without the support of the Newfoundland and Labrador Statistics Agency (NLSA), which, under the direction of Alton Hollett, provided crucial technical and material support. Our work would not have succeeded without the daily management of Terry Quinlan, our coordinator, and the financial oversight of Joseph Joy of the NLSA. Memorial University's then Vice-President (Research), Chris Loomis, appreciated the benefits of our collaboration with the NLSA from the beginning of our project, and has since been a steady source of support. We would not have been able to finish our work without the collaboration of the Population Therapeutics Research Group at Memorial University, under the direction of Proton Rahman. Together, the CCRI and the NLSA are assisting Dr. Rahman's group construct the Heritability Analytics Infrastructure. We have been able to take up this work partially because other CCRI centres were willing to take on the contextual data research related to Atlantic Canada. We thank Claude Bellavance, France Normand, Evelyn Rupert, Gordon Darroch, and Peter Baskerville for this help. We are grateful for the Canada Foundation for Innovation's (CFI's) commitment to supporting the development of such research infrastructure. Furthermore, none of our local work would have been possible without Chad Gaffield's appreciation of the potential for CFI support for research infrastructure for the social sciences, his commitment to building a pan-Canadian team, and his local collaboration with Gregory S. Kealey, the original leader of the Memorial effort.



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In the picture: Chad Gaffield, President of the Social Sciences and Humanities Research Council of Canada (SSHRC) and Principal Investigator of the CCRI and Sean Cadigan CCRI Team Leader (MUN)

Sean Cadigan
CCRI Team Leader
MUN

www.canada.uottawa.ca/ccri/