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Canada's Advanced Research and Innovation Network  
Le réseau évolué de recherche et d'innovation du Canada



**FOR IMMEDIATE RELEASE**

## **CANADA'S SOCIAL SCIENCES TAP INTO THE POWER AND SECURITY OF THE CANARIE NETWORK**

**CANARIE provides \$300K in resources to build a secure, dedicated network for the Canadian Research Data Centre Network**

**[Ottawa, Ontario, January 26, 2010]** - Social scientists' hands are often tied when it comes to analyzing and sharing health and population statistics for two simple reasons. The sheer amount of data collected by agencies such as Statistics Canada makes it difficult to process the information; and the confidential nature of the data, from health records to lifestyle choices, often makes the information difficult to share.

CANARIE, Canada's Advanced Research and Innovation Network, is pleased to announce a ground-breaking partnership with the Canadian Research Data Centre Network (CRDCN) to help overcome both these challenges.

**CANARIE will provide \$300,000 in resources to develop an articulated, private lightpath network** among all of CRDCN's laboratories, allowing them to integrate services spanning multiple sites in Canada, along a completely private, secure and ultra high-speed connection.

The CRDCN is Canada's gateway to social science and population health statistics. The Network works hand-in-hand with Statistics Canada to run secure laboratories on 23 university campuses across the country, enabling researchers to exploit the full potential of Statistics Canada's confidential social, economic and health data.

The Statistics Act of Canada puts very strict security requirements on the data flowing over the CRDCN's intranet. The point-to-point connectivity provided by CANARIE's lightpath has been assessed by Statistics Canada's Communications Services Division and deemed an approved technology upon which to build the CRDC intranet.

This is the first social science project to use the CANARIE lightpath service for a pan-Canadian research initiative, putting CANARIE and the CRDCN at the forefront of social science cyberinfrastructure.

"CANARIE is thrilled to bring the power of our advanced network to Canada's social sciences. Research is changing across all disciplines; it's becoming more data-driven than ever before.

And we hope this is just the first of many social science projects CANARIE can enable,” **says CANARIE President and CEO, Guy Bujold.**

CRDCN’s goal is to create an intranet network that will eventually function as a virtual research laboratory, enabling them to deliver four primary applications:

1. Improve access to data and data processing
2. Improve operational efficiency between sites
3. Improve communication between RDC researchers
4. Enable the delivery of service applications derived from metadata

“We appreciate the financial support and technology expertise of CANARIE - expertise that will contribute to the success of this ground-breaking initiative that allows social scientists across the country easy and secure access to critical data in a virtual laboratory setting” said **Raymond F. Currie, Executive Director of the CRDCN at the University of Manitoba.**

The network will be fully up and running by early 2010.

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### **About CANARIE:**

CANARIE Inc. is Canada’s Advanced Research and Innovation Network. Established in 1993, CANARIE manages an ultra high-speed network, hundreds of times faster than the internet, which facilitates leading-edge research and big science across Canada and around the world. More than 39,000 researchers at nearly 200 Canadian universities and colleges use the CANARIE Network, as well as researchers at institutes, hospitals, and government laboratories throughout the country. The CANARIE Network enables researchers to share and analyze massive amounts of data, which can lead to ground-breaking scientific discoveries. CANARIE’s network, programs, and strategic partnerships with 12 regional networks in Canada, and 100 international networks in more than 80 countries, stimulate research that **delivers economic, social, and cultural benefits to Canadians.**

CANARIE is a non-profit corporation supported by membership fees, with major funding of its programs and activities provided by the Government of Canada. For additional information, please visit: [www.canarie.ca](http://www.canarie.ca).

## **About the CRDC Network**

Since 2000, the **Canadian Research Data Centre Network (CRDCN)**, in partnership with Statistics Canada, has transformed quantitative social science research in Canada. In secure laboratories located on university campuses across Canada, university and government researchers are able to exploit the full potential of a vast, and constantly expanding, array of social, economic and health data, including Statistics Canada's survey and census data.

<http://www.rdc-cdr.ca>