



Social Sciences and Humanities  
Research Council of Canada

Conseil de recherches en  
sciences humaines du Canada

SSHRC  CRSH

# Understanding People in the 21<sup>st</sup> century: International Perspectives from the Social Sciences and Humanities Research Council of Canada

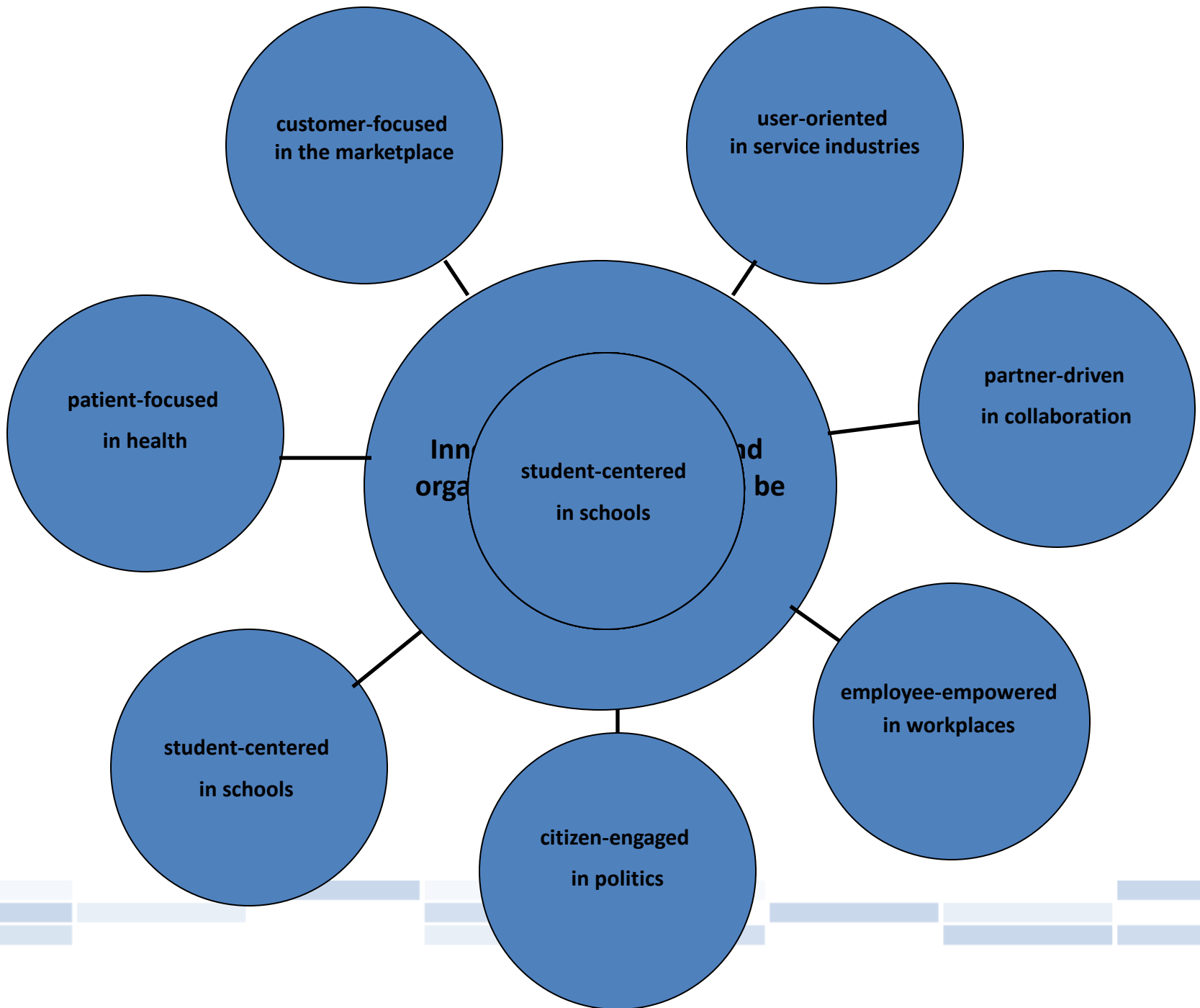
Chad Gaffield Ph.D. FRSC  
President

Brussels  
September 24-25, 2012





**Social sciences and humanities research builds knowledge about people in the past and present, with a view toward creating a better future**

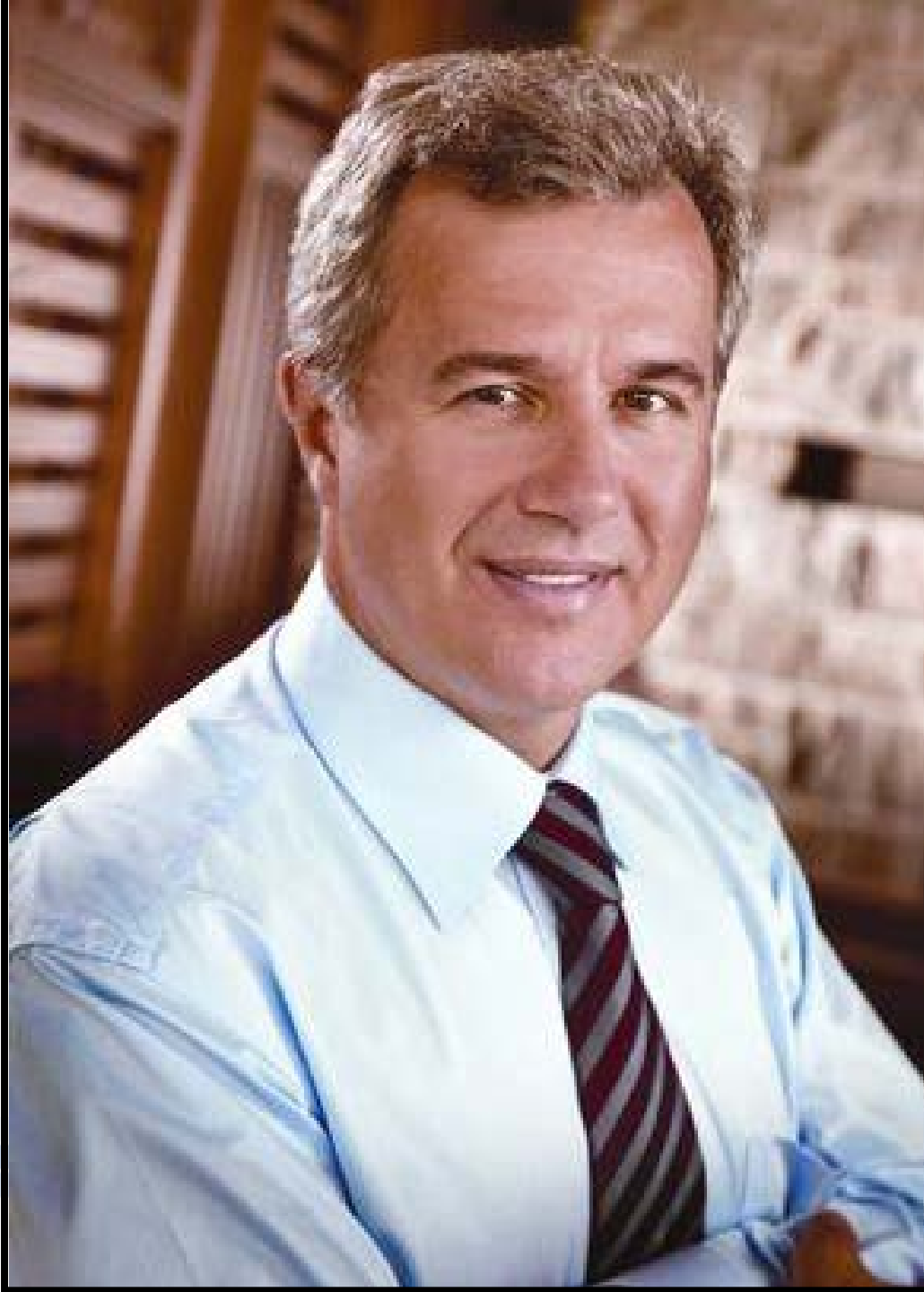


“My philosophy education allows me to use critical thinking and multiple perspectives,” he says. “In addition to the traditional science- and economics-based mechanistic solutions, a broad philosophical background has allowed me to gain sharper insights into business strategy and execution.”

Mike Ashar, President, Irving Oil, 2012

“A social sciences or humanities degree is not only relevant given the demands of the 21st century knowledge economy — it's indispensable.”

Paul Davidson, President, AUCC, 2012



Tom  
Jenkins

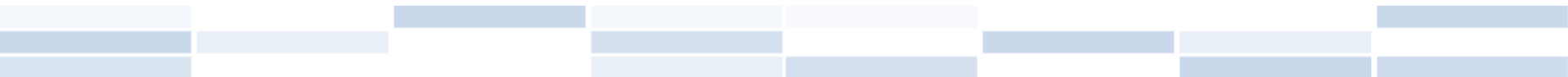


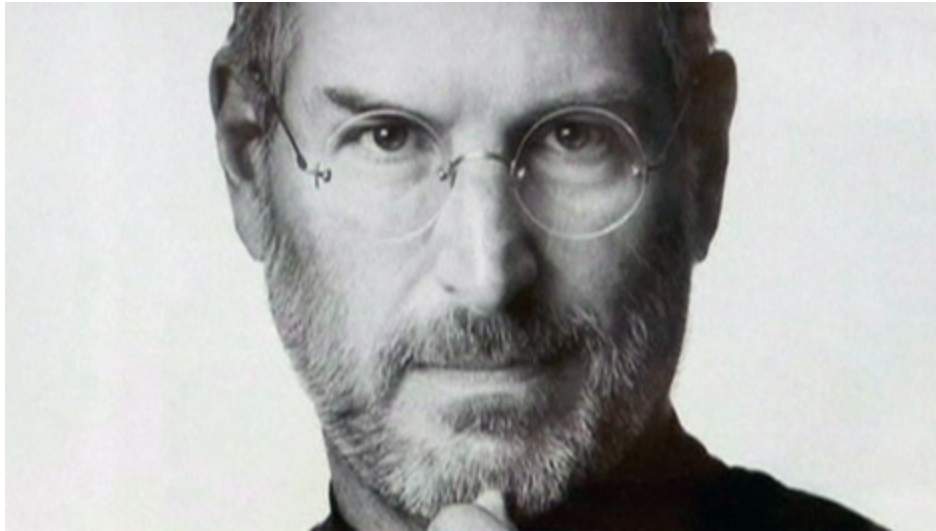
“The internet economy has thus far belonged to the **toolmakers** (some of them Canadian) that built the infrastructure that made the digital age possible.

But the torch is being passed.

The future now belongs, at least equally, to the **tool users**, the creative people, content providers, service deliverers, who have learned how to take the images, sounds, ideas and concepts and share them digitally.”

Tom Jenkins, Executive Chairman and Chief Strategy Officer  
of OpenText and SSHRC Council member





“ A genius for mixing the humanities and sciences.”

-Walter Isaacson, *Steve Jobs*

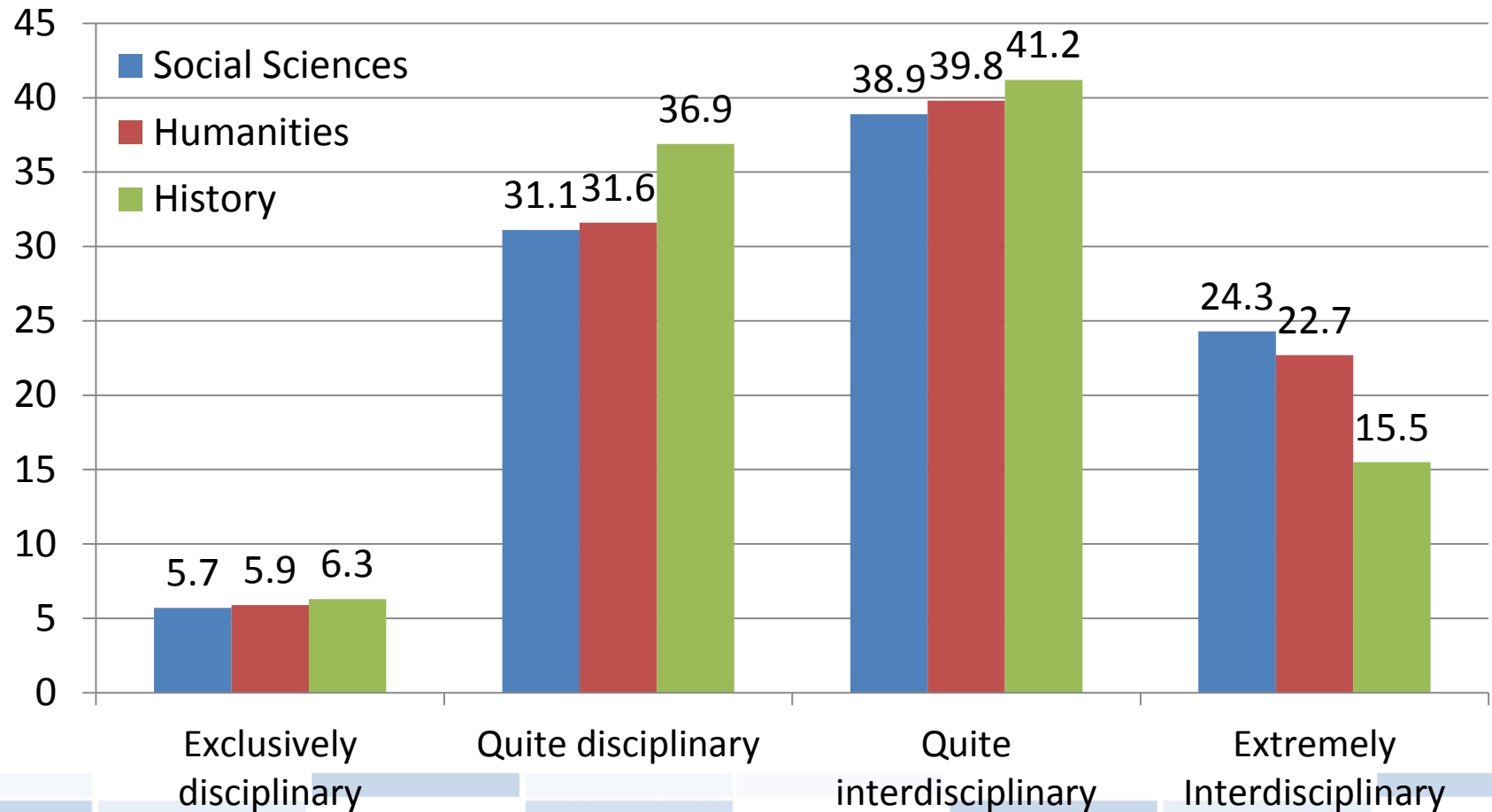
**“ ...The intersection of the humanities and science... There’s something magical about that place.”**

**Steve Jobs  
(as quoted in Isaacson, *Steve Jobs*)**

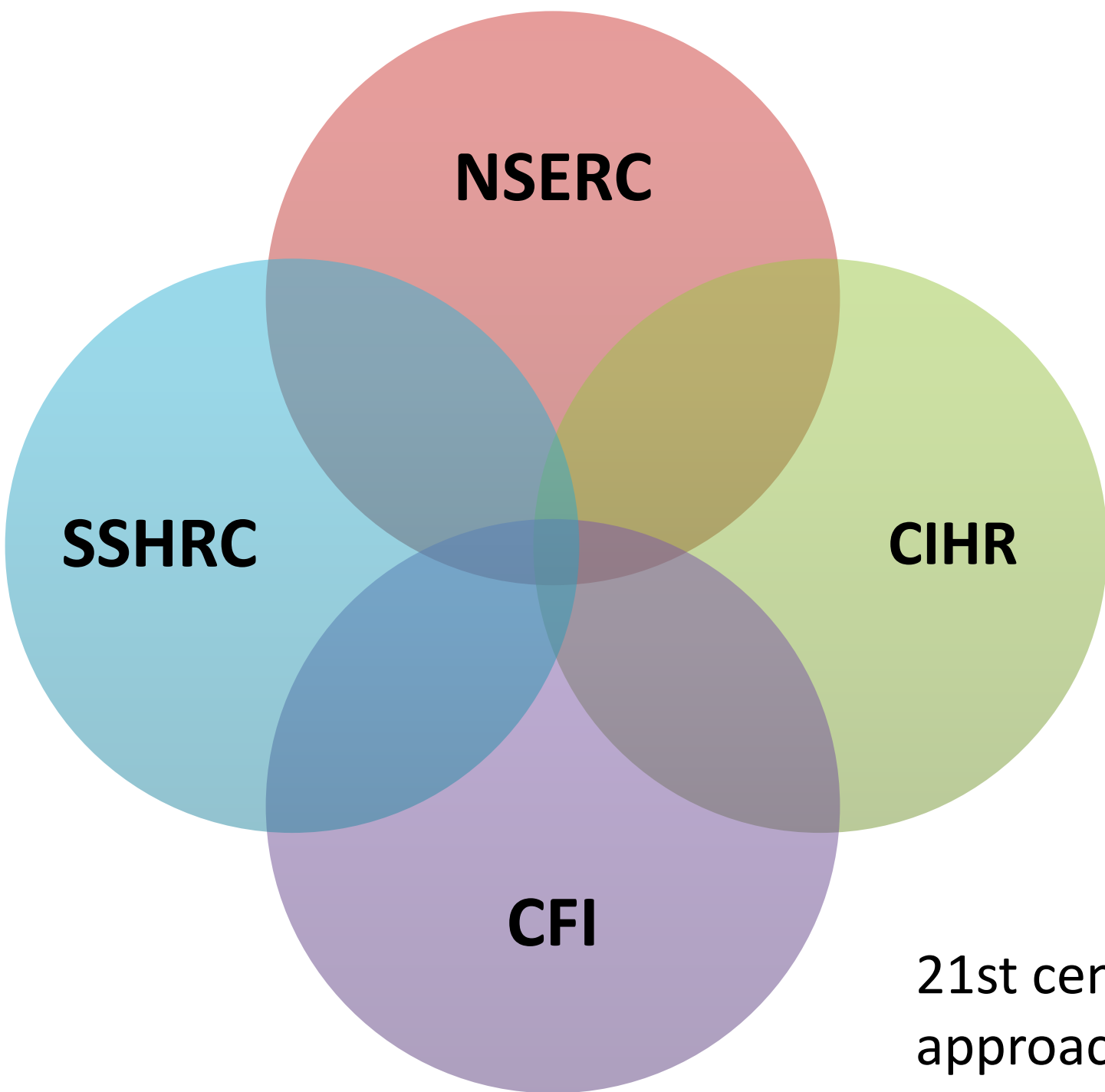


“On a scale ranging from extremely interdisciplinary to exclusively disciplinary, how would you characterize your research?”

PERCENT %



Source: 2008 web survey, SSH faculty, Science-Metrix



**NSERC**

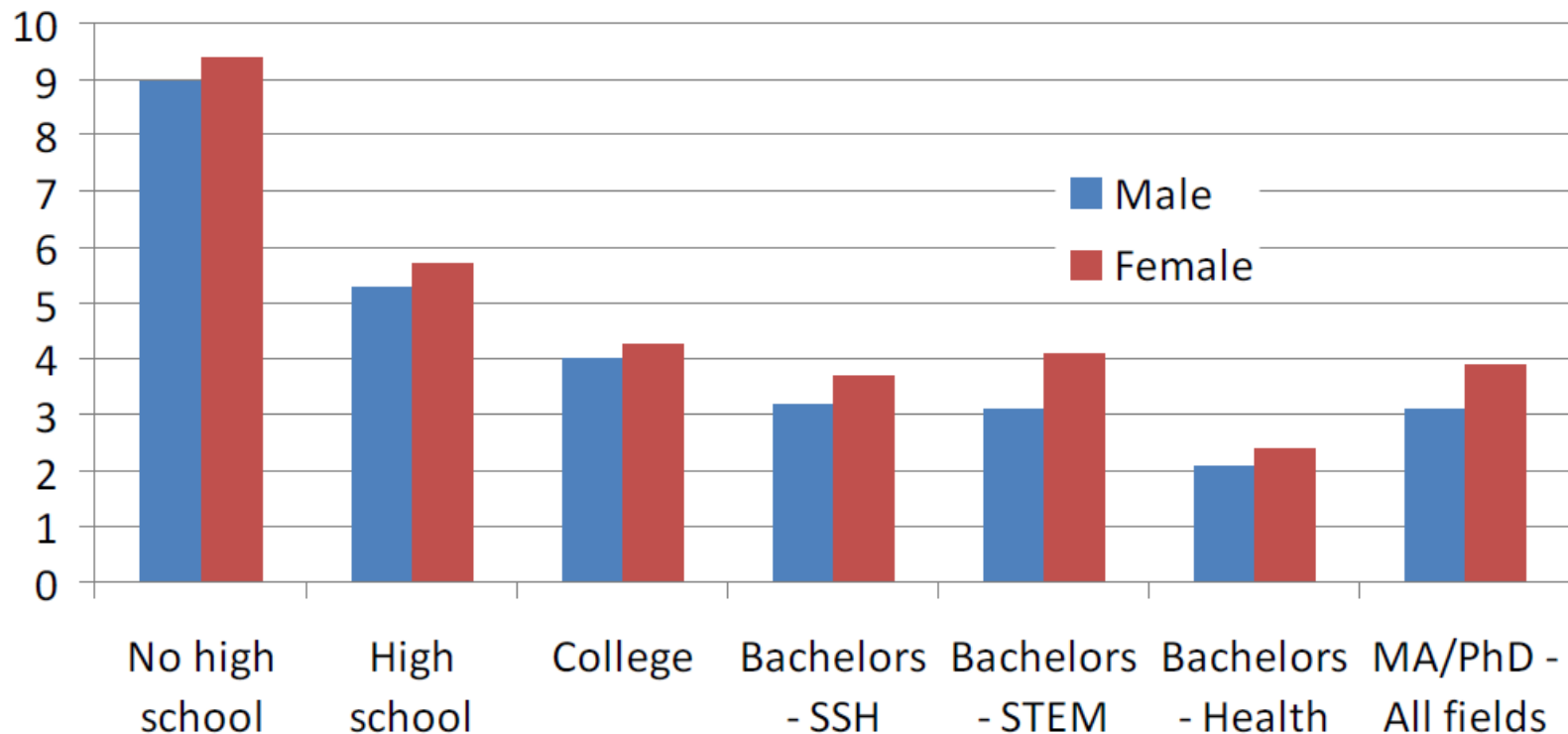
**SSHRC**

**CFI**

**CIHR**

21st century  
approach

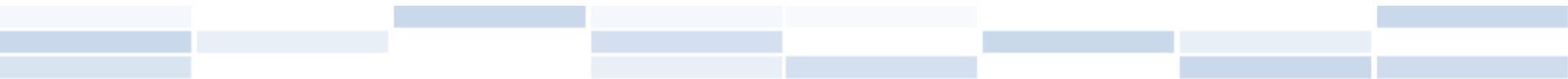
# Unemployment (%) by level and field of study



Source: Drewes, 2011 based on 2006 Census data

`` 65% of today's teens will end up in careers that haven't even been invented yet.``

<http://www.fastcoexist.com/1679807/why-flip-the-classroom-when-we-can-make-it-do-cartwheels>



# Governing Council

Distinguished leaders from across all sectors



Chad Gaffield



Thomas Kierans



Michèle Thibodeau-DeGuire



Paul K. Bates



Tom Jenkins



Joanne Kesselman



Jack Mintz



Danielle Laberge



Gerri Sinclair



Christopher Manfredi



Ginny Dybenko



Suromitra Sanatani



Robert Gibbs




Priscilla Renouf



Fred Morley



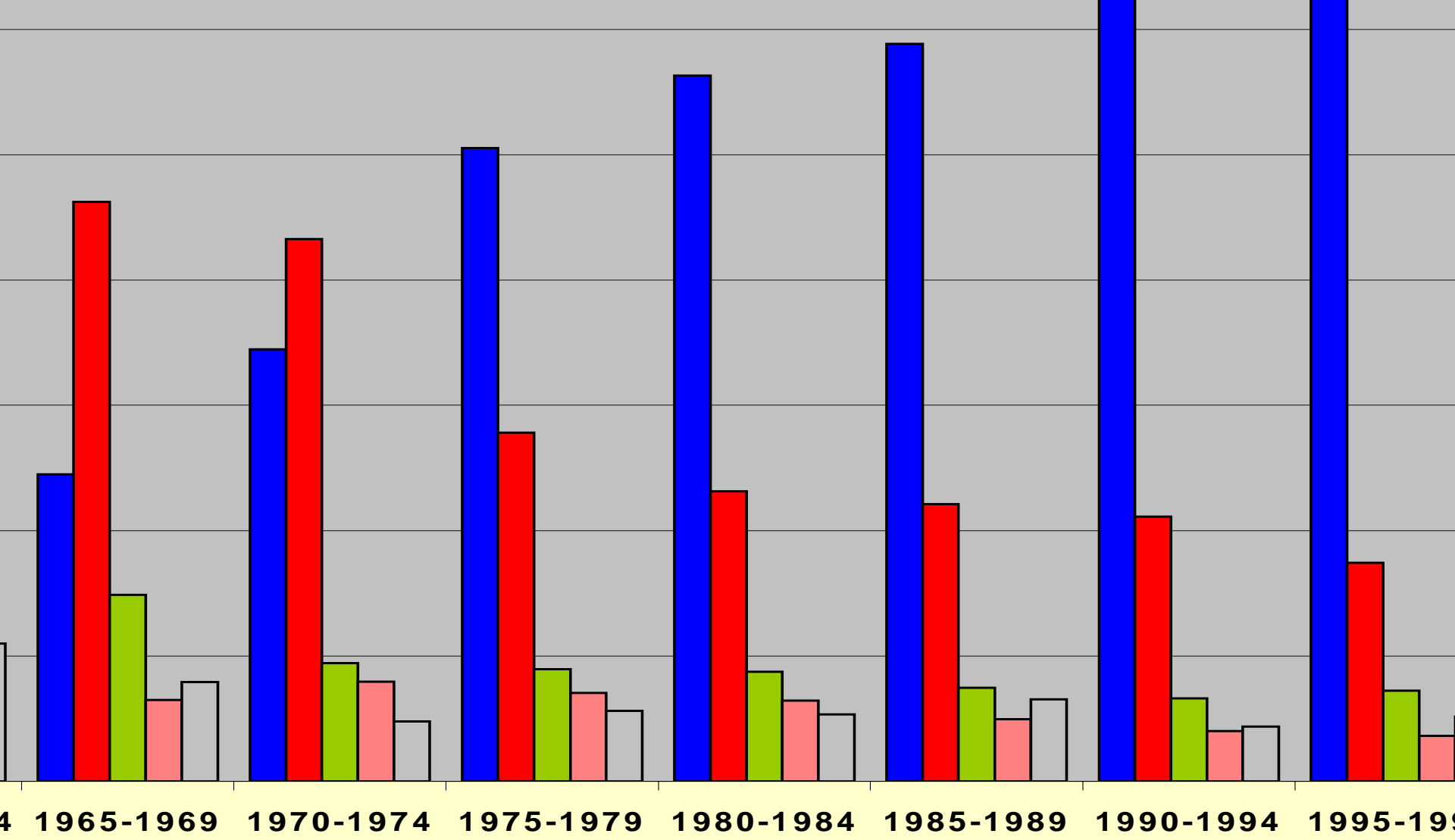
Nelson Michaud



Through its programs and policies, SSHRC works to develop *talented leaders* for all sectors of society, help generate *insights about people*, ideas and behaviour and build *connections within and beyond campus* that will build a better future for Canada and the world.

# Age of PhD holders by year obtained and by country granting the

Canada    USA    UK    France    Other



## Did you know?

- Canada ranks 7th among the Organization for Economic Co-operation and Development countries with respect to the proportion of GDP allocated to education
- Canada's universities are among the world's best. In 2011, the Academic Ranking of World Universities list of Top 200 included 8 Canadian universities
- International student enrolment in Canada's universities has risen for the 15th year in a row (increased 10% in 2010)
- As of 2010, international students represent close to 20% of full-time students at the graduate level



A woman with dark hair pulled back, wearing a purple shawl and a striped dress, stands in front of a window with dark wooden shutters. The background is a light blue wall. Three horizontal bars with text are overlaid on the left side of the image.

TALENT

INSIGHT

CONNECTION

# Building a Better Future for Canada

## TALENT

Supporting students and postdoctoral fellows to develop next generation researchers and leaders across society

## INSIGHT

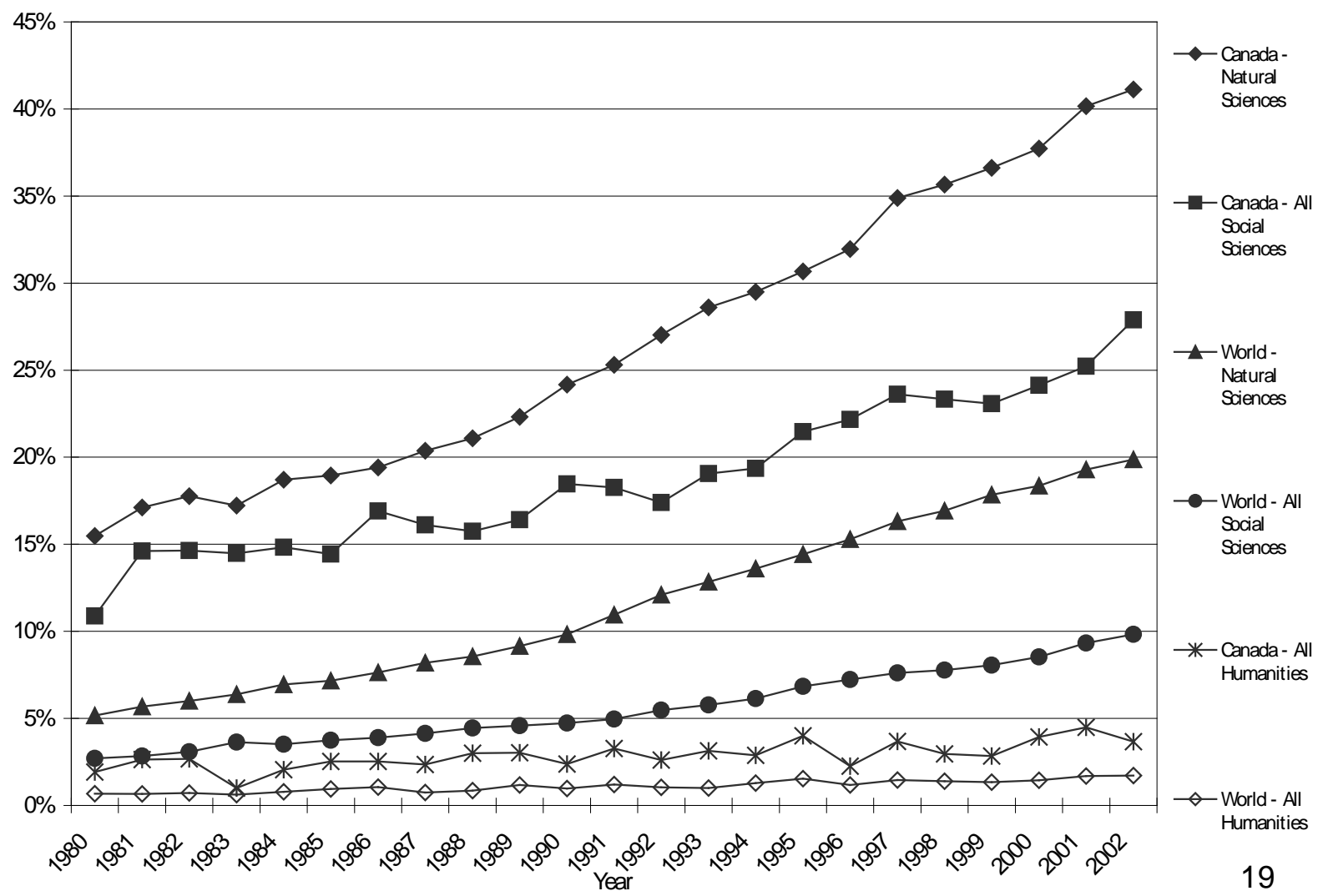
Supporting excellent research to advance knowledge and build understanding about people, communities and societies

## CONNECTION

Supporting the exchange of knowledge to maximize the intellectual, cultural, social and economic impacts of social sciences and humanities research

**PARTNERSHIPS** - Within the academic community and between academia, industry, government, not-for-profits and communities.

# Niveau de collaboration internationale selon les disciplines (Canada, monde), 1980-2002





Canada Research  
Chairs

Chaires de recherche  
du Canada

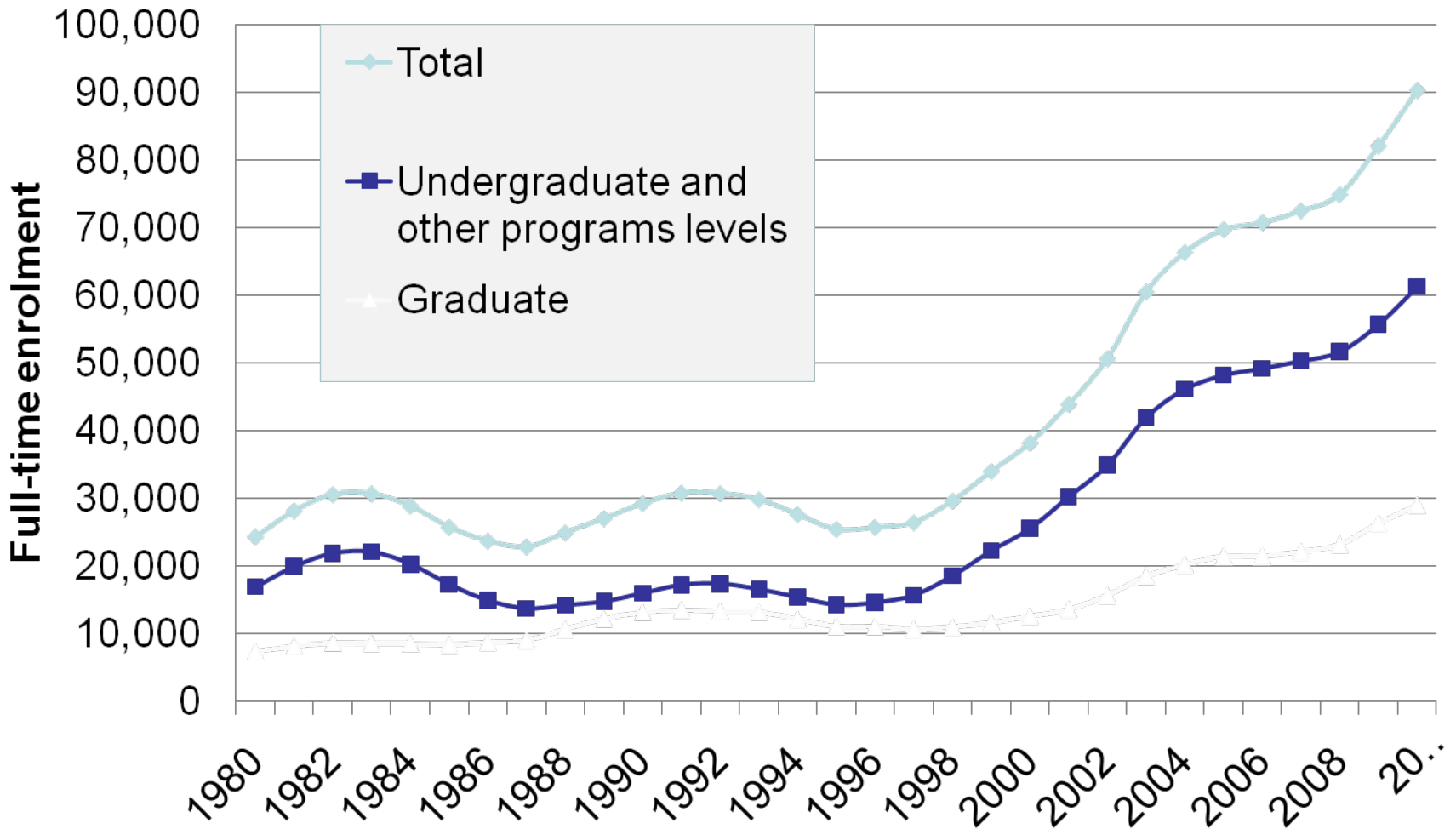
Canada

# Canadian leadership on the World Stage

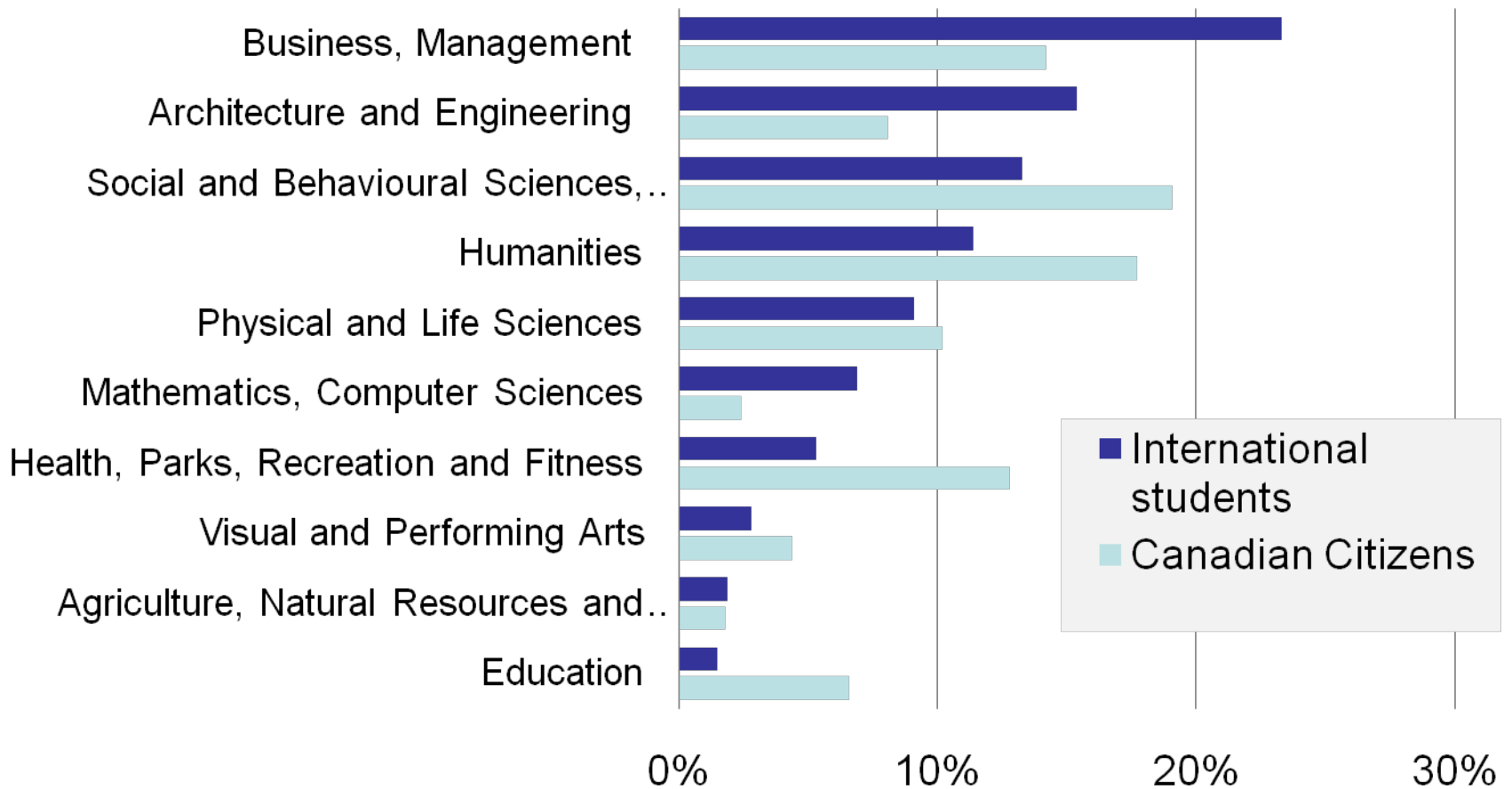
« My Canada Research Chair has allowed me to create a nexus of researchers among colleagues from Canada and abroad and made McMaster a destination for this work. »

Daniel Coleman, CRC, Critical Ethnicity  
and Race Studies, McMaster University

**Figure 11: Recruitment activities have helped triple international student enrolment numbers since 1998**

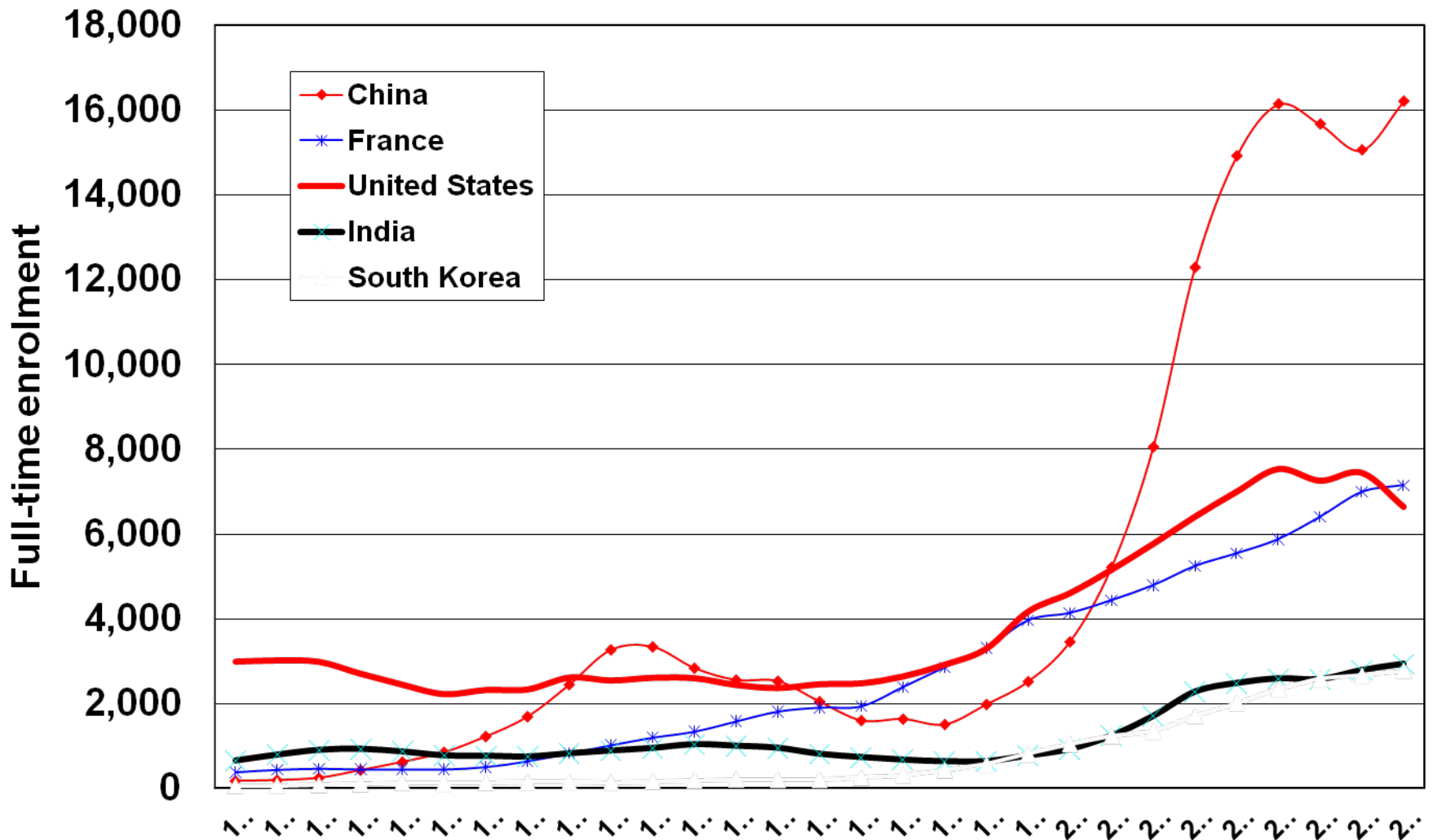


**Figure 12: International students are far more likely to study in business, engineering and math than Canadian students**



**Distribution of full-time enrolment in 2008**

Figure 13: Top source countries have changed since 1980





## Vanier Canada Graduate Scholarships

www.vanier.gc.ca

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J. Ricardo Tranjan,  
University of Waterloo

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Vanier scholar examines participatory democracy in Brazil

1 2 3 4

### THE SCHOLARSHIP



- \$50,000 per year for three years
- Open to both Canadian and international PhD students studying at Canadian universities

[More scholarship details](#)

### DEADLINE



- Deadline for nomination by university: November 9, 2011 (8:00 p.m. Eastern time)

Contact the [Canadian university](#) at which you would like to study to determine your



## Banting Postdoctoral Fellowships

www.banting.fellowships-bourses.gc.ca

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Position yourself  
as a research  
leader of tomorrow

### Announcement

August 15, 2011  
2011/12 Banting competition is now open  
Application deadline: November 2, 2011 (8pm EDT)

[Apply now](#)

### Am I eligible?

Eligibility Criteria



### What steps do I follow to apply?

Step-by-Step Guide to Applying



### Still have questions?

Frequently Asked Questions



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### Vanier CGS Doctoral Scholarships

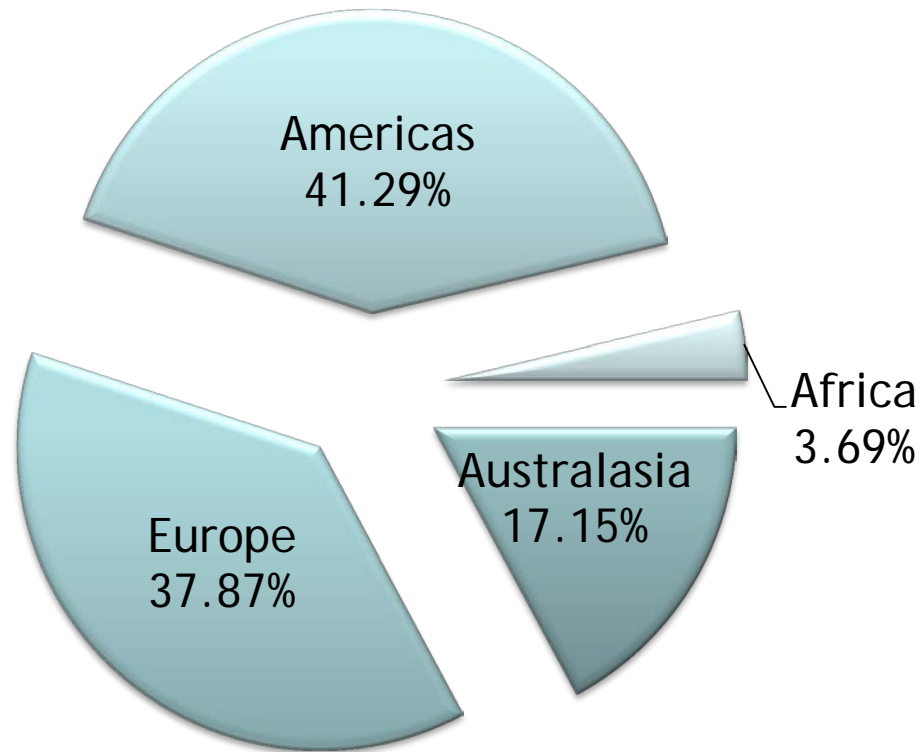
- **\$150,000 CDN over three years** (\$50,000 CDN per year)
  - *Approx. 115,000€*
- Up to 167 awards per year
- Support scholars who demonstrate academic excellence, strong research potential, and exceptional leadership

### Banting Postdoctoral Fellowships

- **\$140,000 CDN over two years** (\$70,000 CDN per year)
  - *Approx. 107,000€*
- Up to 70 awards per year
- Unique in its emphasis on the fit between the host university's research strategy and the applicant's proposed research

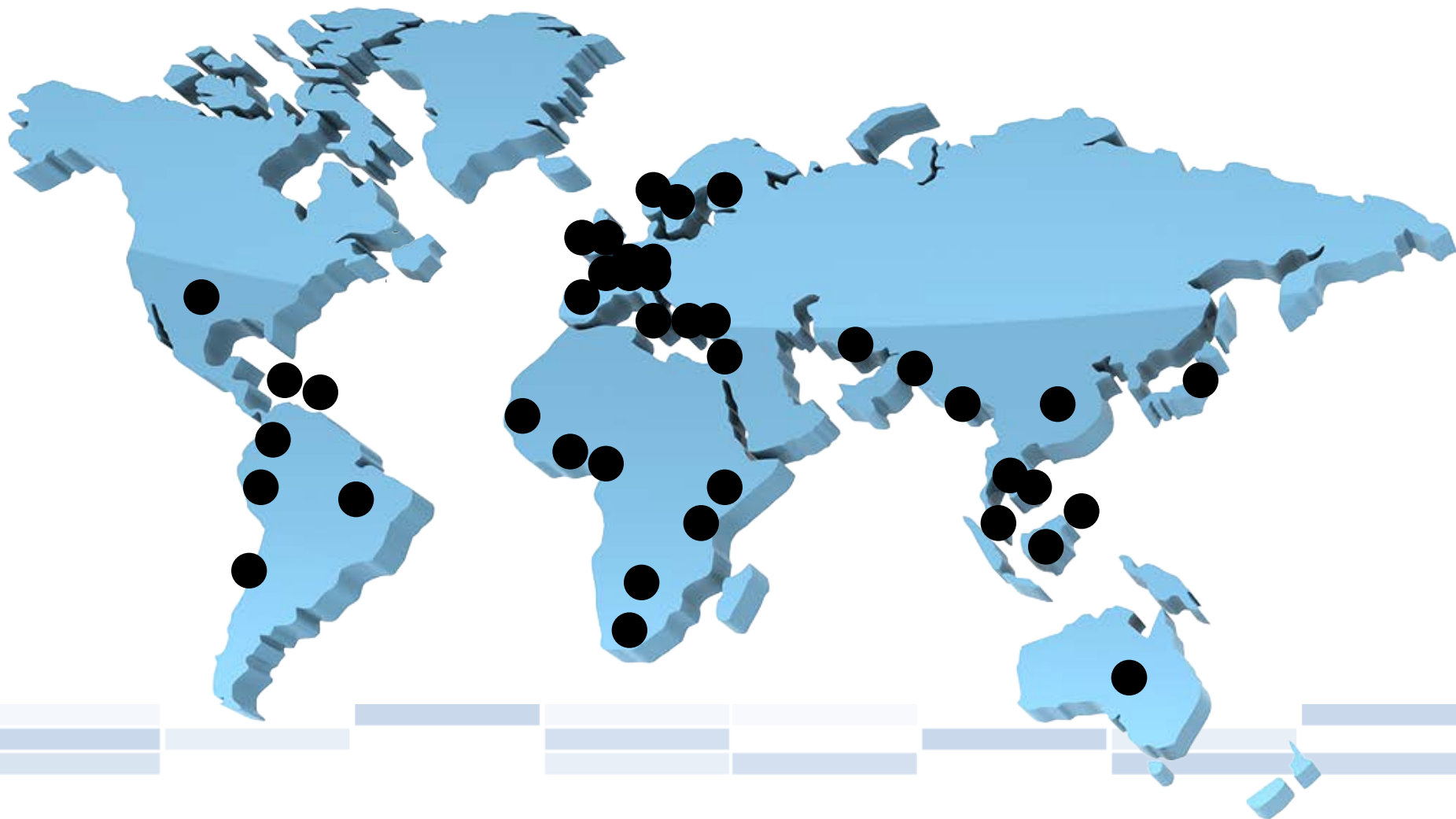


## International Participation: Grant Participants 2008-2012

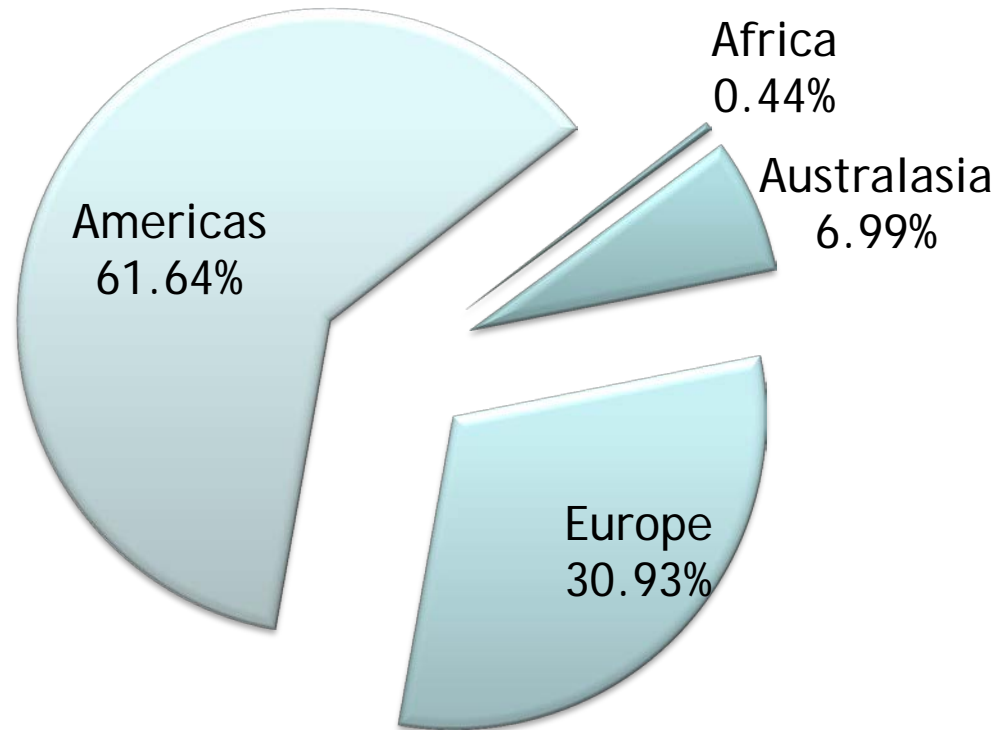


International Grant Participants accounted for 27.28% of all participants.

# 41 countries included in applications for SSHRC Partnership Development Grants



## International Participation: External Assessors 2008-2012



International External Assessors accounted for 68.38% of all assessors.



JISC



NATIONAL ENDOWMENT  
FOR THE HUMANITIES



HUMANITIES 2.0

## Digital Keys for Unlocking the Humanities' Riches



Martin K. Foys, a medievalist at Drew University, with a detail of an 11th-century map of the world.

James Leyrise for The New York Times

By PATRICIA COHEN  
Published: November 16, 2010

A history of the humanities in the 20th century could be chronicled in "isms" — formalism, Freudianism, structuralism, postcolonialism — grand intellectual cathedrals from which assorted interpretations of literature, politics and culture spread.


**Humanities 2.0**  
*Old Books, New Media*  
Articles in this series are examining how digital tools are changing scholarship in history, literature and the arts.

The next big idea in language, history and the arts? Data.

**Multimedia**

John Locke (1632-1704) English philosopher, author of *Essay Concerning Human Understanding*

Jonathan Swift (1667-1745) Irish-born satirist, author of *Gulliver's Travels* and *A Modest Proposal*



Mapping the Enlightenment

These researchers are digitally mapping **Civil War** battlefields to understand what role topography played in victory, using databases of thousands of jam sessions to track how musical collaborations influenced jazz, searching through large numbers of scientific texts and books to track

Previous [← Online Service Planned to Help Adults Get Credit for Out-of-Classroom Learning](#)

Next [MIT Uses Social Networking to Win High-Tech Scavenger Hunt →](#)

### A 'New Digital Class' Digs Into Data

December 4, 2009, 2:03 pm  
By Jennifer Howard

Fifty-three thousand 18th-century letters. Twenty-three thousand hours of digitized world music. The records of more than 197,000 individual trials held in Britain over 240 years. What can humanities scholars and social scientists do with such large tracts of raw material? This year the **Digital Humanities** submit proposals for big-scale, collaborative inquiry."

On Thursday

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beyond the beyond

SNOW WATCH THE

### The Humanities with Heavy Iron

By Bruce Sterling December 7, 2009 | 10:45 am | Categories: Uncategorized

"I see more and more of this lately: humanities scholars who somehow think they're more powerful than physicists. If you take the trouble to check out the scholars who won't turn.

"Personally, I'm waiting for the first novelist who needs massive number-crunching to mean a literary feat that would 'manage a deluge of data and turn bits of information into a story.'

"I suppose it could be argued that Google and Wikipedia is doing that for us."

scientific computing world

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idbs Best Practice R&D Knowledge Management Seminar Series

Enabling Science IDBS is running a series of seminars in Europe and the USA during May and June

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NEWS FEATURE

### Digging into data in new ways

14 June 2010

What do you do with a million books? Or a million newspaper pages? Or a million art images? Scholars now have access to huge repositories of digitised data - far more than they could read in a lifetime. And yet the way researchers access these documents is still based on the relatively linear process of searching for specific data like keywords, names, events, places or dates. Once the user has entered such a search term they are then presented with a list of hits to scan and choose from.

While accelerating the speed of research, such searching does not permit the

**ISSC** *World Social Science Forum*  
INTERNATIONAL SOCIAL SCIENCE COUNCIL  
Bergen - Norway · 10-12 May 2009

# *“One Planet — Worlds Apart”*

**Keynote Address by  
Professor Amartya Sen:  
“Challenges for the  
Social Sciences in the  
New Century”**





# Over to you!

Thank You



À vous la parole !

Merci