

Canadian Research Publication Output Drops in World Ranking 9 Universities Showcased for High Publication Effectiveness

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Canada dropped from 6th to 7th place in the world in its annual output of scientific research publications, according to a new report issued by RE\$EARCH Infosource Inc. Scientific publications are the key international measure of science and technology research output.

Canada was displaced by China in 2004 in the most recent ranking of countries according to their number of research publications in approximately 6,000 of the world's leading scientific journals covering the Natural Sciences and Engineering, Health Sciences, Social Sciences and Humanities. "Given the sheer number of scientists that China is training, and the strong incentives they provide for them to publish, it was inevitable China would move up in the world ranking", reported Ron Freedman, CEO of RE\$EARCH Infosource, a business intelligence company based in Toronto.

The Infosource report focuses on university research, which accounts for 90% of Canada's publications. The rest are shared among industry, government and other institutions. "The good news is that the quality of research at Canadian universities is substantially higher than the world average (1.11 compared with 1.00) and that Canada is in 4th place worldwide in terms of our per-capita production of scientific publications; even higher than the US, Japan, Germany or France", Freedman said. In terms of total share of world output Canada is in 3rd place in both Social Sciences and Humanities publications. It occupies 6th place in Health Sciences, but only 9th place in Natural Sciences and Engineering (NSE). However, NSE research grew at a fast 9.7% clip from 1999-2004, more than the other disciplines", says Mr. Freedman.

The new analysis of Canada's scientific publication outputs between 1999-2004, which focuses on 69 universities, has prompted RE\$EARCH Infosource to designate 9 universities as leaders in Publication Effectiveness, a new measure that examines the cost of research at each university against its impact (quality). "We looked at this period because research funding expanded dramatically and we wanted to see if publications would respond", Mr. Freedman said.

Top Universities in Publication Effectiveness		
Medical/Doctoral	Comprehensive	Undergraduate
1. University of British Columbia	1. Simon Fraser University	1. University of Prince Edward Island
2. University of Toronto	2. Concordia University	2. Saint Mary's University
3. McMaster University	3. University of Victoria	3. Wilfrid Laurier University
Publication Effectiveness compares the relative cost of publications in relation to their relative impact.		

RE\$EARCH Infosource's new report, *Canadian University Publications 2006*, provides in-depth data on 69 Canadian universities in terms of their published research: output, intensity, impact, cost efficiency and overall effectiveness. Highlights of the report and other information are available free at www.researchinfosource.com/univPub. Copies may be ordered at a cost of \$795.00.

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