



4:15pm – 5:00pm

Federal-provincial coordination in research and innovation funding

*Panel Organizers: Emina Veletanlic and Dr. Creso Sá
University of Toronto*

Federal-Provincial/Territorial Coordination on Research and Innovation Funding

Canadian Science Policy Conference 2018
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Organized by

Emina Veletanlić, Impact Centre

Dr. Creso Sá, Centre for the Study of Canadian and International Higher Education

University of Toronto



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CSPC 2018 Panel

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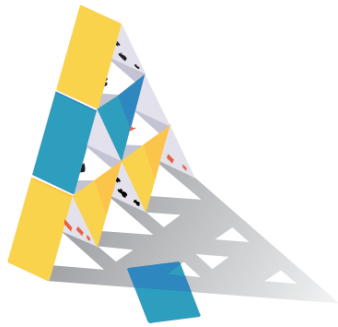


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Impact Brief
October 2018

A Delicate Balance

Federal-Provincial/Territorial Coordination in Research and Innovation Funding



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*Discussion paper available at
www.impactcentre.ca/research/a-delicate-balance*

Research crosses jurisdictional boundaries

- Provincial/territorial and federal agencies together fund more than 30% of R&D in universities and colleges

\$6.1B

invested by federal agencies per year

\$2.2B

invested by provincial/territorial agencies per year

Source: Statistics Canada (2015/16). Total funding for higher ed R&D was \$26.5B.

Decades of weak intergovernmental coordination

“reality is one of *uncoordinated entanglement* between levels of governments”

Source: CCA (2017) *Science Policy: Considerations for Subnational Governments*. Ottawa, ON: A Workshop Steering Committee Report, CCA - based on A. Tupper (2009)

“reactive” and “ad hoc activity”

Source: M. Tamtik (2016) *Science and Public Policy*, 44: 417.

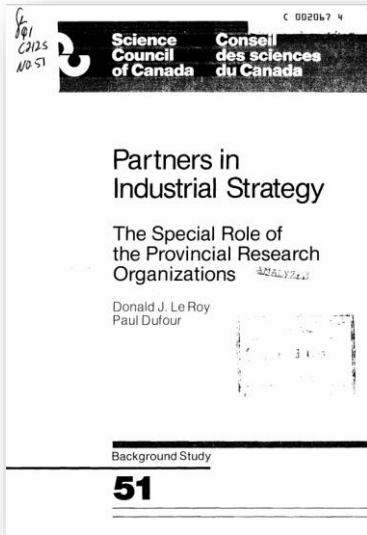
State of our policy discourse

“No phrase expresses as frequent a complaint about the federal bureaucracy as does ‘lack of coordination.’ No suggestion for reform is more common than ‘what we need is more coordination.’”

Pressman and Wildavsky (1984)

Challenge has been long recognized

1983



“absence of an official intergovernmental body dealing with science and technology has provoked some to argue that there is a need for such a body...”

2011



“establish a clear federal voice for innovation, and engage in dialogue with the provinces to improve coordination...”

2017



“an area where close cooperation and shared planning would make sense, but this is not what the Panel found”

Impact on the ground

Fragmentation

- Program complexity
- Resources do not form a functioning whole
- High costs of learning and navigating the system

Resource availability issues

- Uneven allocation of money across institutions, researchers, disciplines
- Gaps and lost opportunities

Elements of coordination

1. Policy framing

How is the issue defined, and how widely is it recognized?

2. Stakeholders

Who is involved in managing the issue?

3. Interactions

How frequent and meaningful are the interactions?

4. Range of policies in which issue is addressed

Where are the concerns about the issue adopted?

5. Coherence of policies

Do the goals of various policies reinforce each other?

6. Deployment of instruments

To what extent have instruments been deployed?

7. Consistency of instruments

To what extent do the instruments reinforce each other?

8. System-level instruments

Have instruments been deployed to track and drive efforts across the system?

Send us your thoughts and suggestions. Contributions will be published in a follow-on report.

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