Compute Canada Resource Allocation Competitions results announcement
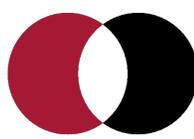
Backgrounder

Overview

Compute Canada is leading the creation of a powerful national Advanced Research Computing (ARC) platform that supports cutting-edge research by thousands of Canadian researchers. This national platform integrates ARC resources at four partner consortia (ACEnet, Calcul Québec, Compute Ontario and WestGrid) across the country to create a dynamic computational resource. Compute Canada integrates high-performance computers, data resources and tools, and academic research facilities across the country. These integrated resources represent a substantial computing capability and online and long-term storage with rapid access and retrieval over Canada's national, provincial and territorial high-performance networks. In 2014, Compute Canada developed a new strategic plan that focuses the next five years on:

1. Providing services that enable excellent Canadian research across a broad range of disciplines.

2. Building capacity and connections nationally and internationally to tackle future research needs.

3. Maximizing the positive effects of Canadian research on the lives of Canadians.

4. Ensuring sustained organizational excellence.

To achieve these goals, Compute Canada forms partnerships with the research community through access to ARC to enable the advancement of multi-disciplinary research.

Resource Allocation Competition

In order to ensure excellent researchers have access to these resources, Compute Canada launches an annual Resource Allocation Competition (RAC). This competition is peer reviewed and provides access to its ARC capacities for all researchers at Canadian academic institutions eligible to apply for funding to the federal granting agencies. The resource allocation requests are evaluated technically, scientifically and for the quality

of the research team. Research allocations are granted for one year starting in early January 2015.

Research Platforms and Portals Competition

The growing demand of the communities requesting resource allocation necessitated the creation of a new category of applicants who can apply to Compute Canada through a new Research Platforms and Portals (RPP) Competition. The RPP competition focuses on providing ARC resources to a larger community of researchers driven towards creating a platform for collaboration or a portal for the broader use of Compute Canada resources. Allocations may be granted for multiple years (up to a maximum of three) and are evaluated using specialized review criteria. This competitive process aligns directly with the Compute Canada strategic plan and focuses on the needs of the broader communities that have a Canadian base. It may, however, extend internationally.

2015 RAC and RPP Recipients

A PDF version of the complete list of resource recipients can be found here. (add link)