PRESIDENT'S REPORT TO SENATE

Presented by: Feridun Hamdullahpur

President and Vice-Chancellor, University of Waterloo

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HIGHLIGHTS

- Provincial issues

- Federal budget

- QS rankings

- Australia/ Korea visits

- Faculty roundtable and departmental visits

- Computational resource update

- Student mental health

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GOVERNMENT RELATIONS — PROVINCIAL ISSUES

Strategic Mandate Agreements

- Discussions underway regarding 2nd Waterloo SMA including differentiation, enrolment planning, new programs, and areas of institutional strength

- March 30th visit planned by Bonnie Patterson (provincial lead)

- Universities' SMA submissions to MAESD in early April

Other PSE developments

- Expect Provincial Budget in April with no new funding for universities and a re-announcement of the "free-tuition" program

- Government will announce future of satellite campuses in Brampton and Milton

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FEDERAL BUDGET HIGHLIGHTS — MARCH 22, 2017

- University of Waterloo recognized in budget including references to co-op and start-up successes using Vidyard as example

- No additional funding for granting councils and CFI

- Renewal of operation funding for IQC, $10 million over two years

- Provides $125 million in new money to launch a Pan-Canadian AI strategy for research and talent that promotes collaboration between expertise in Montreal, Toronto-Waterloo and Edmonton

- Innovation Superclusters program re-announced and proposes up to $950 million in support of business-led innovation that have greatest potential to accelerate economic growth in six areas

  - Advanced manufacturing, agri-food, clean technology, digital technology, health/bio-sciences and clean resources, and infrastructure and transportation

  - Should include strong connections between businesses, from large anchor firms to start-ups, post-secondary institutions and research institutions that support private sector led research and development that is linked to commercial outcomes with application in the real economy

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QS SUBJECT RANKINGS 2017

Top 50

- #13 — Hospitality and Leisure Studies (new)
- #31 — Computer Sciences and Information Systems ▽
- #34 — Mathematics ▽

51 to 100

- Architecture and Built Environment
- Chemical Engineering
- Civil and Structural Engineering
- Electrical Engineering
- Environmental Sciences
- Geography ▽
- Material Science
- Psychology △
- Sports Related Subjects (new)
- Statistics and Operational Research

101 to 200

- Accounting and Finance
- Chemistry ▽
- Earth and Marine Science
- Mechanical Engineering
- Philosophy ▽
- Physics and Astronomy
- Politics and International Studies
- Sociology △

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ALUMNI EVENTS IN AUSTRALIA and SOUTH KOREA

2017 Australia-Canada Economic Leadership Forum

▪ Participated in 'Institutions of Higher Learning – Economic Engines for the 21st Century' panel at the 2017 Australia-Canada Economic Leadership Forum

▪ Australian Prime Minister and Canadian Minister of International Trade amongst Forum's attendees

South Korea

▪ Times Higher Education Asia Universities Summit

▪ National Assembly of the Republic of Korea

▪ Embassy of Canada-hosted events in Seoul

IMAGE CREDIT: ALUMNI RELATIONS

Alumni in Sydney, Australia join the Alumni Global Ambassador for Sydney, Janet Beale (BMath '85), and President Feridun Hamdullahpur for a meet and greet on February 22, 2017

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FACULTY ROUNDTABLES AND DEPARTMENTAL VISITS

Winter 2017

COMPUTATIONAL RESOURCE UPDATE

High performance computing is of significant importance to Waterloo. We approach HPC through

1) SHARCNET through Compute Canada

2) SOSCIP

3) Individual faculty

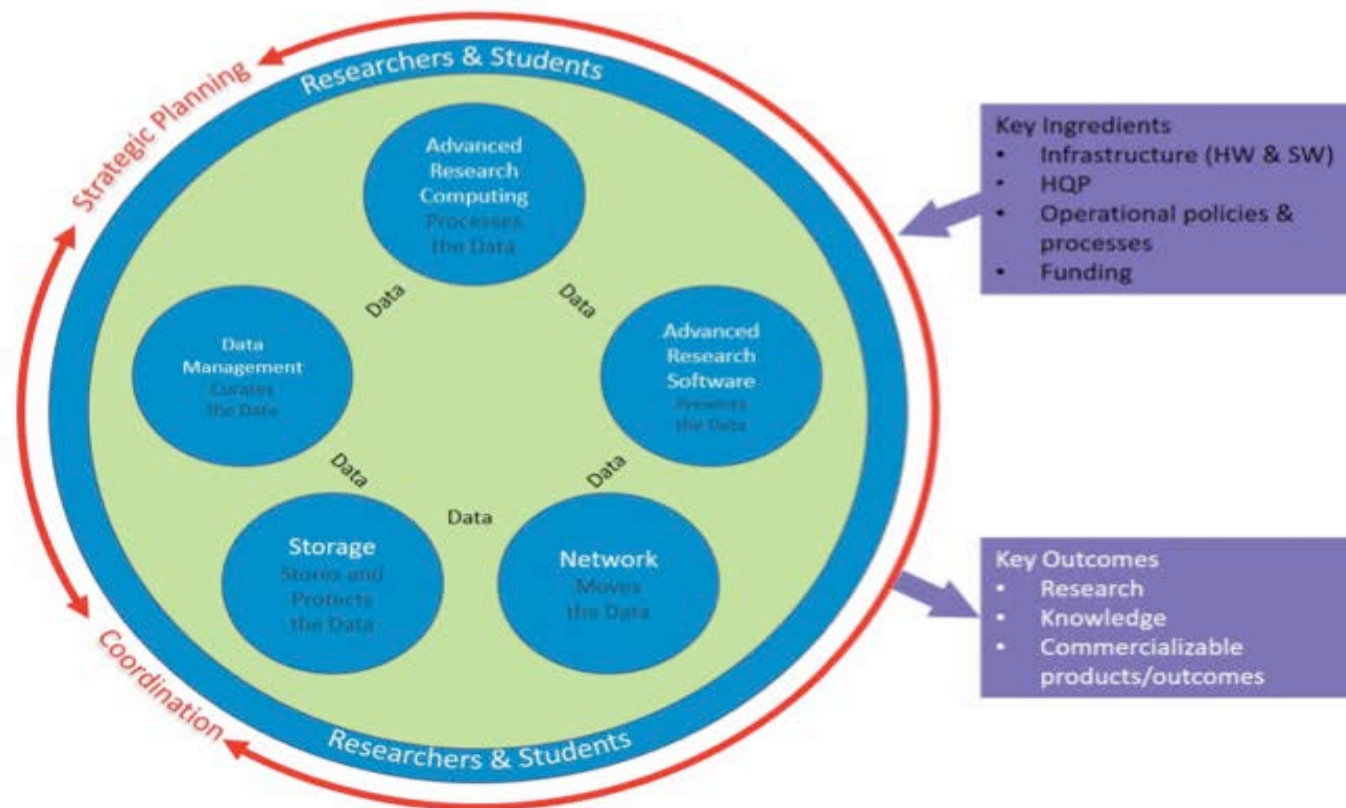UNIVERSITY OF
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COMPUTATIONAL RESOURCE UPDATE

HPC demand at Waterloo

- Demand is increasing and current queue times are significant.

- Compute Canada user-survey analyses predict a 12-fold increase in computational need over the next 5 years.

- UW shares SHARCNET resources with region.

- Opening of Graham site at UW will help to alleviate some unmet need but will not eliminate it.

Overview of current service

- Over the last 3 years there has been a decrease in Compute Canada's ability to effectively meet the HPC needs of the community.

- UW recognizes this problem.

- CFI is investing significant resources in HPC. UW competed for and secured funding.

- Capacity will increase as new resources become available.

- Currently 55% of demand is met.

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What are the Key Components of an Integrated DRI Ecosystem in Canada?

COMPUTATIONAL RESOURCE UPDATE

- As new systems come online we aim to meet 70 % of demand.

- $20 million in funding will become available in 2019.

- Projections are that above 70 % of the demand can be met at that time.

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