

# RESEARCH AND INNOVATION AT THE UNIVERSITY OF TORONTO

STAR CONFERENCE  
MARCH 11, 2020

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VICE-PRINCIPAL RESEARCH  
UTSC



UNIVERSITY OF  
TORONTO

BOUNDLESS

# 2019 HIGHLIGHTS

## Research Funding

**2,700**

principal investigators

**4,000**

new funding applications

**\$500M**

in funding awarded

**9,000**

research funds

**1,000**

sponsors

**350 +**

private sector partners

**1,900**

funding programs

## Innovation & Entrepreneurship

**180**

invention disclosures

**75**

priority patent applications

**35**

licensing and option agreements

**250**

commercialization projects

**300+**

student-led startup teams/companies

**\$150M**

annual startup investment

**\$10M**

annual sales by startups

## Oversight & Compliance

**35**

external audits

**8,270**

financial reports and related oversight

**1,600**

human ethics protocols

**850**

animal ethics protocols

**150**

post-approval reviews

**200**

lab assessments for animals

**14,700**

personnel trained in EH&S programs

**1,100**

lab safety inspections

**425**

worksite assessments

**1,100**

occupational health assessments

Serving the  
U of T  
Community



200+  
workshops and  
Info sessions

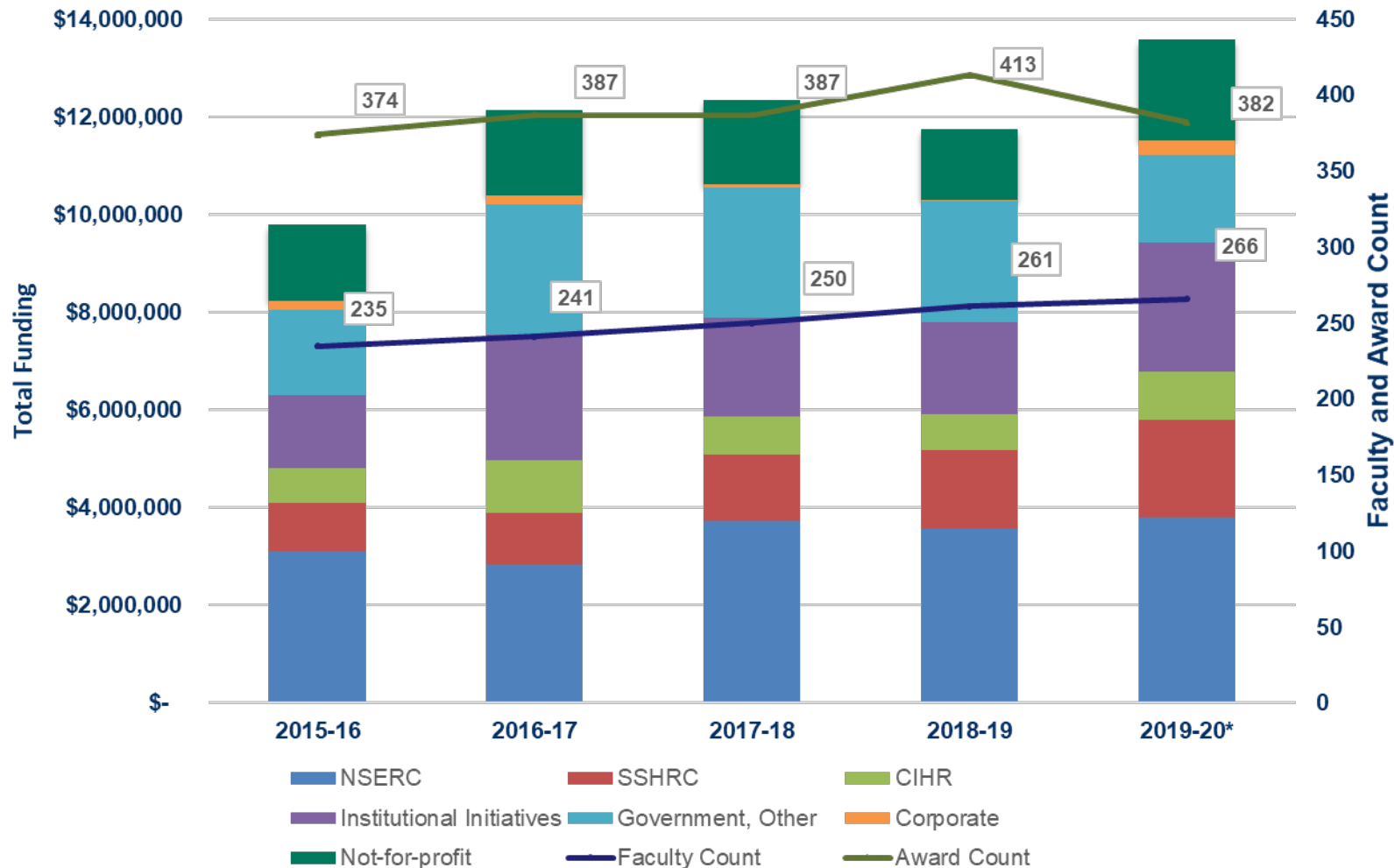
# 2019 HIGHLIGHTS

- Institutional Strategic Initiatives (ISI), portfolio led by Professor Christine Allen, Associate Vice-President and Vice-Provost, Strategic Initiatives
- Schwartz Reisman Institute for Technology and Society
- 43 new CRCs, 13 renewed
- New, Principles-Based Tri-Agency Guide on Financial Administration
- Expansion of My Research Applications (MRA) to include non-funded research agreements
- New Research and Innovation Website
- Research Funding Dashboards Project
- Centre for Research & Innovation Support (CRIS)

# 2019 UTSC HIGHLIGHTS

- TOTAL RESEARCH REVENUES FROM ALL SOURCES > \$13.7MILLION
- 10 CRCS
- 10-YEAR TRACK RECORD OF INCREASING TRI-COUNCIL REVENUES
- HIGHLAND HALL (SOCIAL SCIENCE BLDG)
- \$2M IN FUNDING FOR CREATION OF RESEARCH CLUSTERS
- \$0.7M FOR UTSC PDF PROGRAM
- >\$1M FOR MATCHING AND SEED FUNDING
- POSITIONS FOR AWARDS OFFICER AND ADDITIONAL PARTNERSHIP OFFICERS

# 2019 UTSC HIGHLIGHTS



\*Preliminary numbers

- Data Source: UTBI Research Cube; prorated; total budget allocated by the sponsor during Grant Year April 1 - March 31; last system refresh February 5, 2020

- Affiliated hospitals data are updated with a one year

# 2018-19 HIGHLIGHTS

## WORLD RANKINGS

### U of T Rankings in Most Prominent Global Rankings Systems

Global Rankings      Canadian Rankings

	2018-19	
1. National Taiwan University Ranking (NTU)	4	1
2. US News Best Global Universities	20	1
3. Times Higher Education World University Rankings (THE)	21	1
4. Academic Ranking of World Universities (ARWU)	23	1
5. QS World University Rankings (QS)	28	1

# 2018-19 HIGHLIGHTS

## MAJOR FIELD RANKING RESULTS

### First Among Canadian Universities

U of T once again confirmed its caliber as a stellar research institution across a wide range of disciplines.

W = World Rankings    C = Canadian Rankings



QS 2018	W	C
Life Sciences & Medicine	13	1
Arts & Humanities	22	1
Natural Sciences	23	1
Social Sciences & Management	34	1
Engineering & Technology	43	1

NTU 2018	W	C
Clinical Medicine	3	1
Social Sciences	7	1
Life Sciences	10	1
Natural Sciences	24	1
Agriculture	48	4
Engineering	55	1

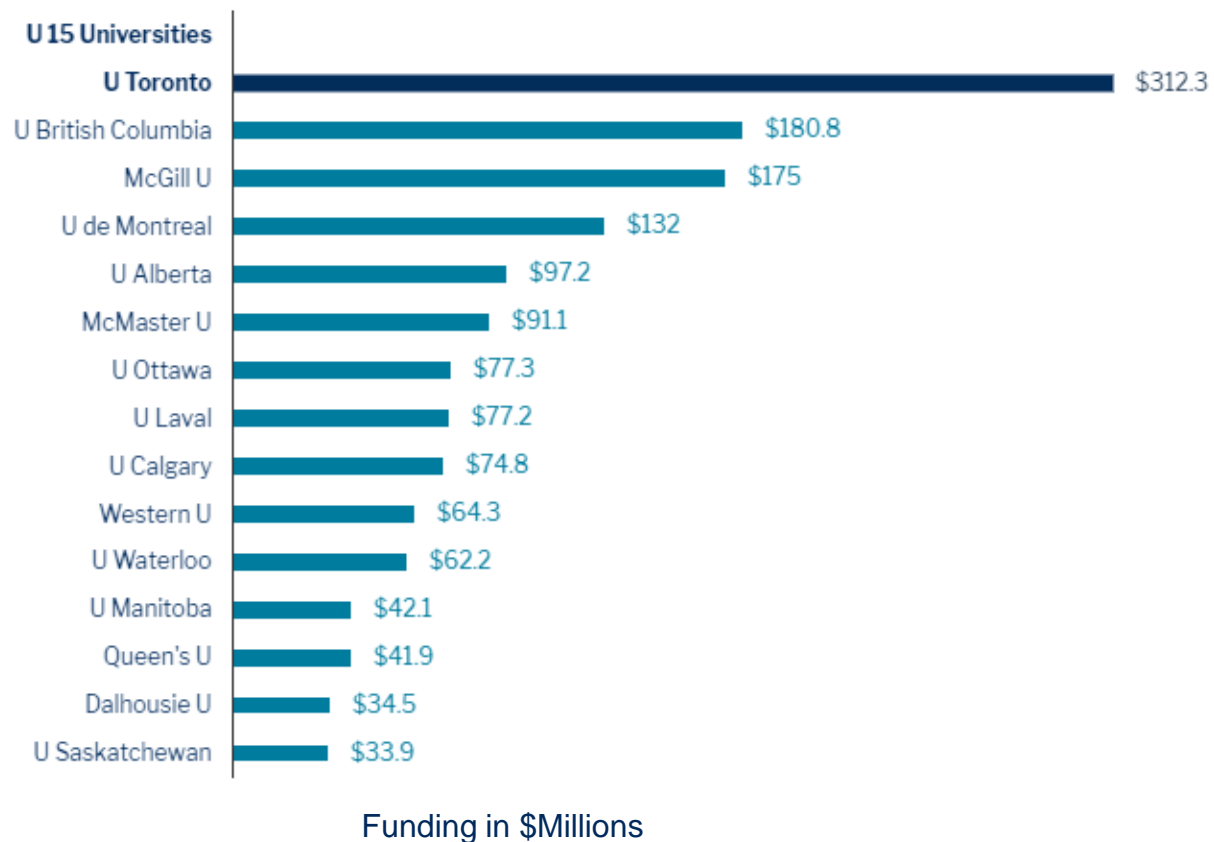
THE 2019	W	C
Law	11	1
Clinical, Pre-clinical & Health	13	1
Education	13	1
Arts & Humanities	18	1
Computer Science	18	1
Psychology	19	2
Life Sciences	24	1
Social Sciences	25	1
Physical Sciences	26	1
Business & Economics	28	2
Engineering & Technology	31	1

# 2018 HIGHLIGHTS

## RESEARCH FUNDING

### Tri-Agency Funding to U15 Universities (2017-18)

**16%**  
of the country'  
Tri-Agency  
Funding





# TRI-AGENCY FUNDING

## AND WHY IT MATTERS

The federal government is the **largest source of research funding for U of T** and funding is mainly from the tri-agencies.



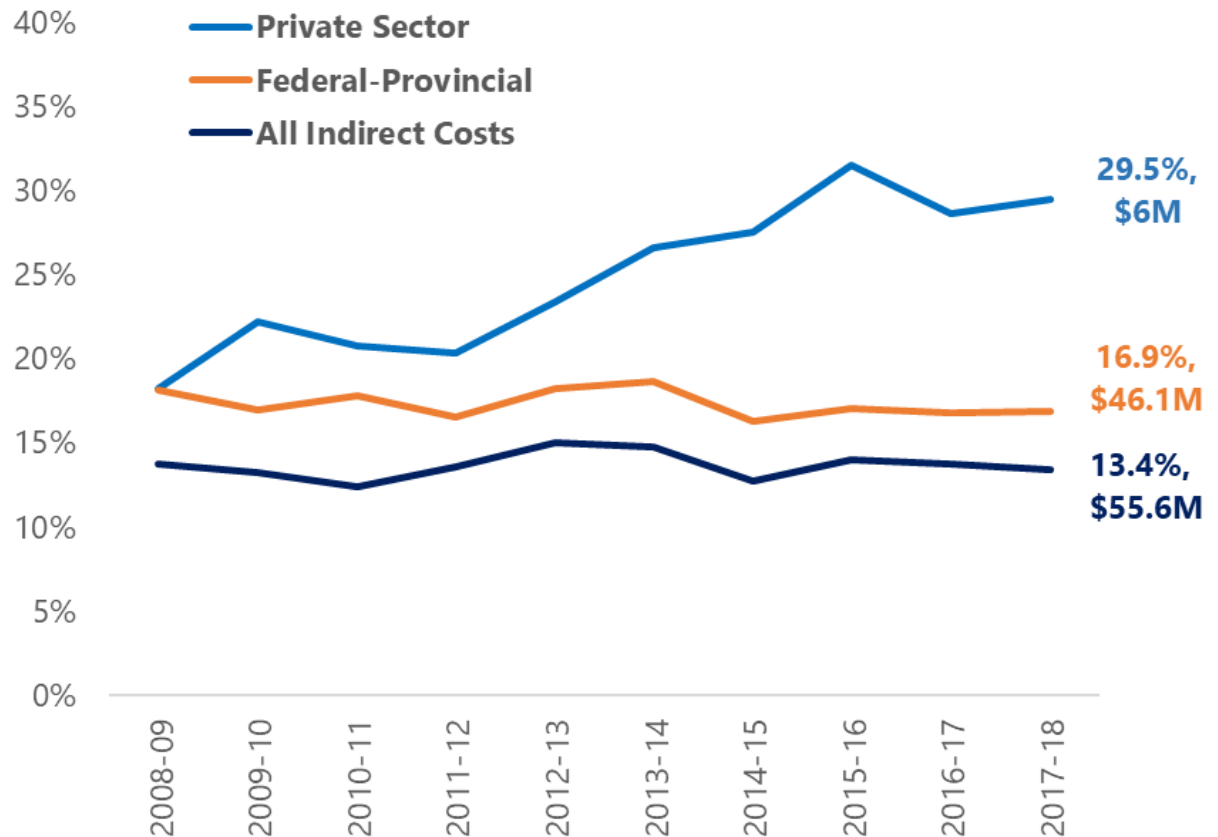
Our share of national tri-agency funding is **used to allocate additional resources** to the university totaling **more than \$100M** in 2018-19.

# FULL COSTS OF RESEARCH

## ALL SOURCES

**U of T without partner hospitals.**

Budget process flows to divisions 100% of the research indirect costs they generate.



# INSTITUTIONAL STRATEGIC INITIATIVES

**The challenges we face don't fall into one category. Neither does our research.**

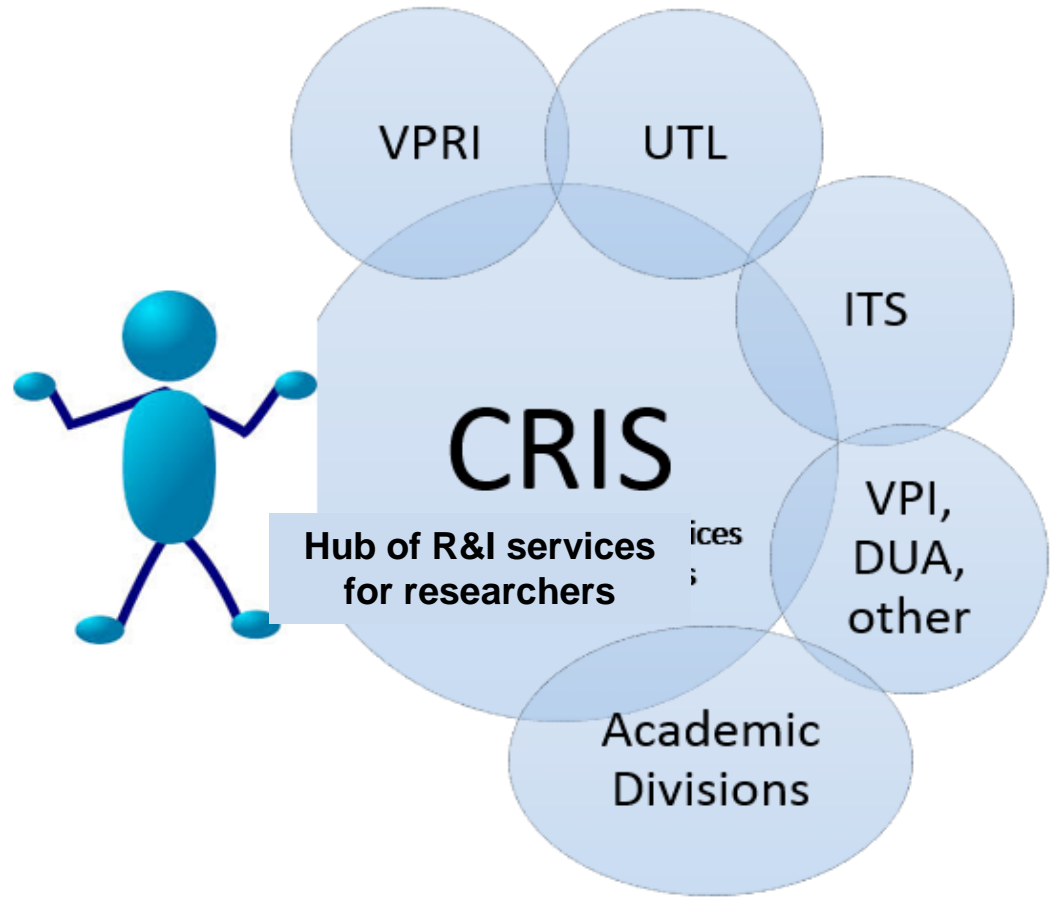


# CENTRE FOR RESEARCH SUPPORT AND INNOVATION (CRIS)

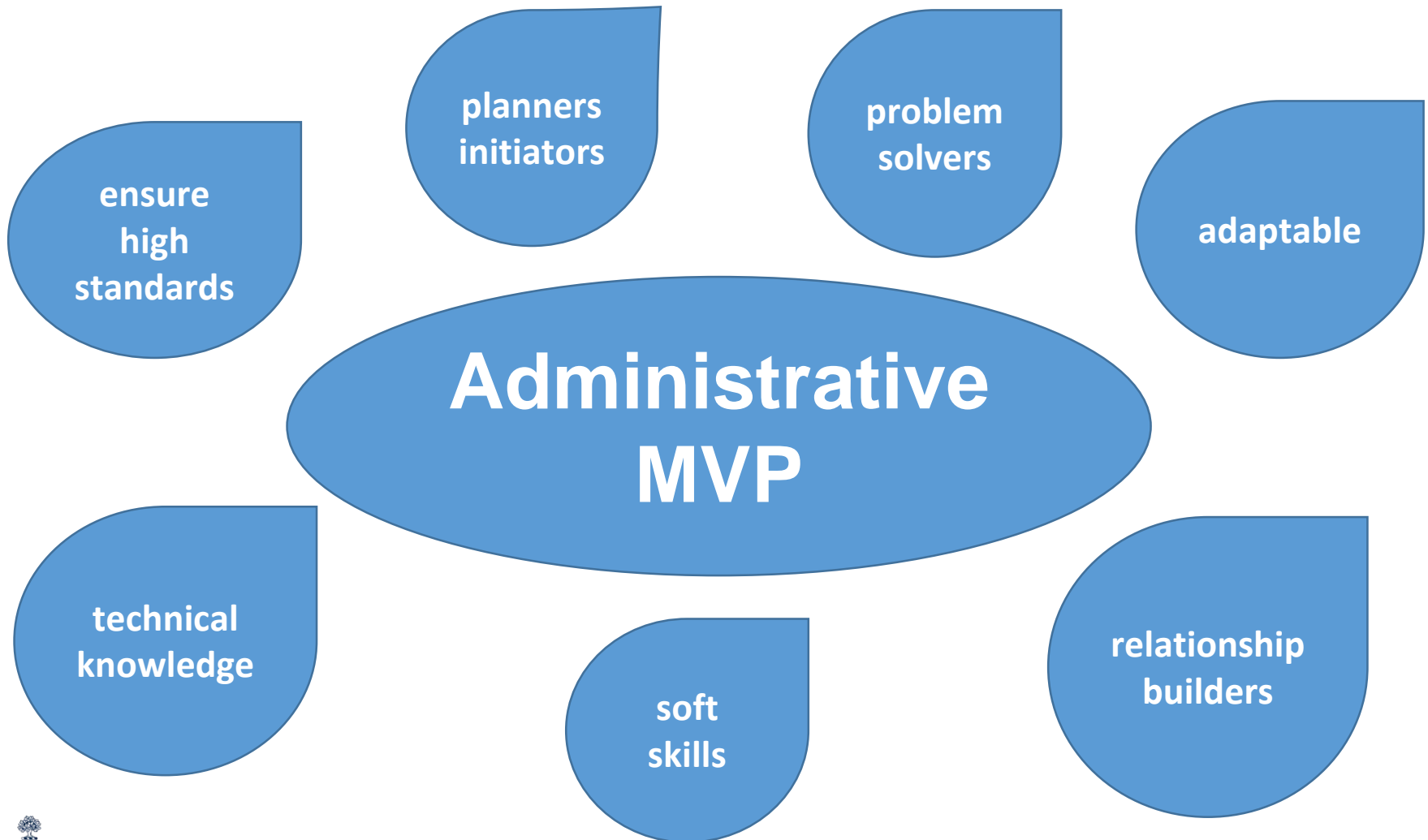
Researcher-centred, practical, and focused on supporting researchers, innovators and divisional research offices.

UTSC contacts:

**Suhail Asrar**



# IMPORTANCE OF THE BUSINESS OFFICER ROLE



# EVOLVING RESEARCH AND INNOVATION ENVIRONMENT

**The research funding environment is complex and changing.**

- transparency and accountability
- audit and reporting requirements
- equity, diversity, and inclusion plans
- large and complex interdisciplinary teams

# UTSC Vice Principal Research Team

