

2018

AIEA Annual Conference
*The Internationalization
Imperative in Turbulent Times*



The Role of Senior International Leaders in Global Grand Challenges

Panelists:

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What is “international research”?

	Purpose	Partners	Funding	Measures of Success
Scholarly Research	1) Academic prestige 2) Reputation building 3) Opening additional funding sources	1) High-level academic focused universities and research institutes	1) Standard research funding mechanisms	1) Publications 2) Prizes 3) Traditional academic rewards
Development Focused Research	1) Commitment to global citizenship 2) Opening new partnerships 3) Innovative opportunities for learning – especially experiential learning	1) Universities in the developing world 2) Community organizations 3) National and International development funding organizations 4) Governments abroad	1) Public/government development organizations 2) Private foundations 3) Governments abroad	1) Societal impact, changes in quality of life, etc. 2) Credibility as agent of social change 3) New stakeholder relations

...and any permutation of the above

Implications for Role of SIO

Stakeholder Management

- Stakeholder management as key component of job profile
- Internal stakeholder relations management, including building interdisciplinary coalitions
- External stakeholder management, especially governments
- Aligning stakeholder interests

Recommendation: Appeal to different stakeholders in different ways . Be flexible in your narrative about purpose and value of international research

Implications for Role of SIO

Project Management

- Ability to manage complex project management, including financial management and risk management
- Actively manage alumni relations

Recommendation: Understand importance of recruiting qualified and skillful staff, and invest in ongoing staff development

Challenges

- Tension between traditional academic incentives and rewards, and rewards and incentives for societal impact
- Traditional universities' administrative culture not in line entrepreneurial and managerial requirements of international research/development
- Rapidly changing circumstances with partners abroad

Recommendations:

1. Build strong incentives for various stakeholders and partners
2. Develop flexible but effective models for revenue sharing

International Research Projects

UAlberta at a glance

CAD\$481 million in external research funding

18 academic faculties

3,561 academic staff (36% international)

Germany

- Helmholtz: Energy related research collaboration with various research institutes in Germany
- RWTH Aachen: Smart Grids, Bio-Fuels, Data-based Modeling/Simulation, Biomedical Engineering

China

- Tsinghua University: Joint Research Centre for Future Energy and Environment
- East China Normal University: Joint Institute for Advanced Science & Technology

Mexico

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- SENER-CONACYT: Energy Innovation Grants (Hydrocarbons)

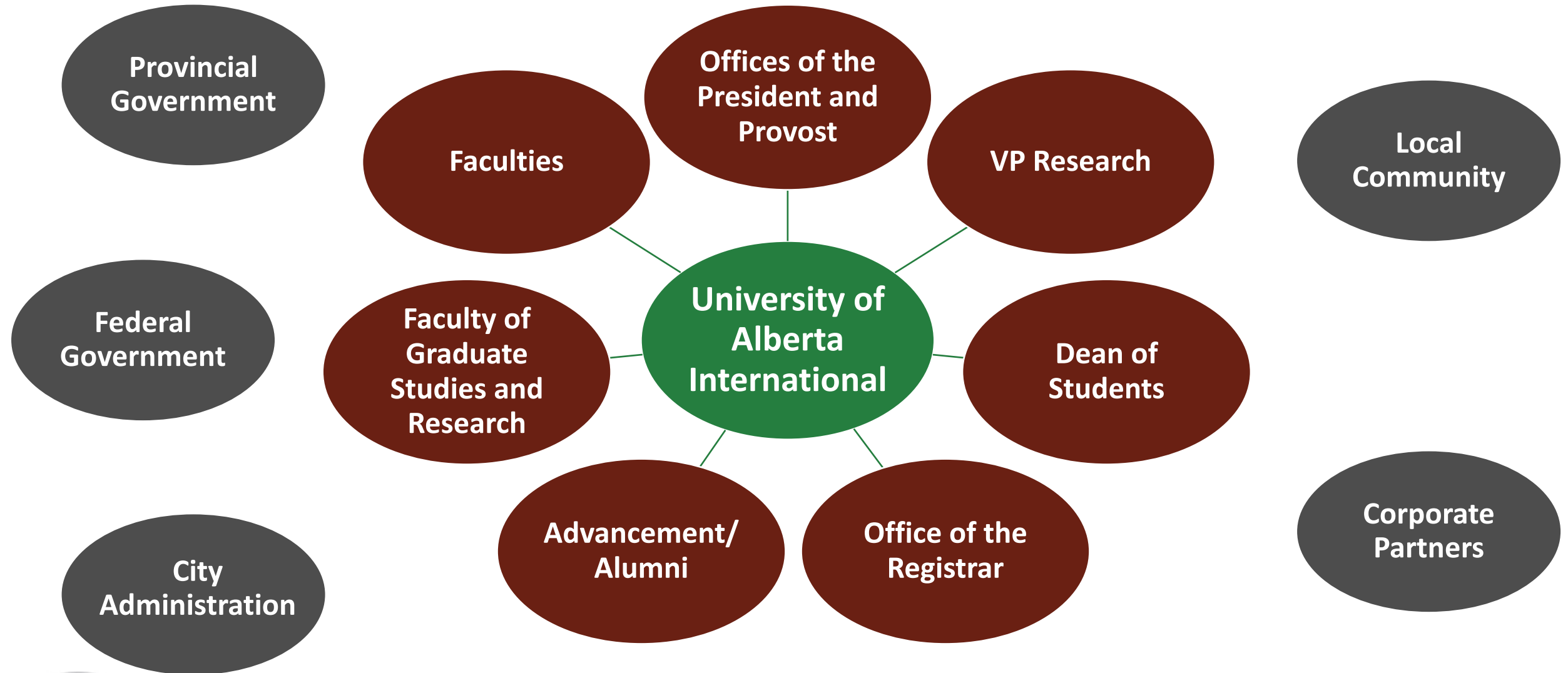
From Focus on Key Countries to Signature Area Strategy

- Future Energy Systems
- Precision Medicine

Total of 5 to 7

Key: international research and international project work as integral part of institutional strategies for international and research

UAlberta International Ecosystem



UCR International Affairs Strategic Goals

- EXPAND INTERNATIONAL EXPERIENCE FOR UCR STUDENTS
- INCREASE PERCENTAGE OF INTERNATIONAL STUDENTS AND FACULTY
- COMMUNITY ENGAGEMENT/ INTERNATIONAL ALUMNI
- CURRICULA ENGAGEMENT ON GLOBAL ISSUES
- INTERNATIONAL RESEARCH COLLABORATIONS

International Research Collaborations

- CENTER FOR INNOVATIVE MATERIALS SCIENCE
- XIAMEN UNIVERSITY PHD TRAINING
- JOINT RESEARCH SALINITY PROJECT (CAN THO, VIETNAM)
- PIRE GRANTS:
 - BILINGUALISM MATTERS
 - WINDOW TO THE BRAIN
- CHILE – ENTREPRENEURSHIP PROJECT
- INTERNATIONAL SCHOLAR RESEARCH EXPOSITION
- POWERFUL MIGRATIONS CONFERENCE
- UNAM FACULTY EXCHANGE PROGRAM
- I-3 INTERNATIONAL INNOVATION INSTITUTE
 - UC KIMS CENTER
 - UNIVERSITY OF JINAN (CHINA)
 - MIRYANG CITY