Igniting Internationalization
Processes to Manage International Partnerships and Missions

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Member of Canada’s U15 research-intensive universities

$360.5 Million sponsored Research Income

3,450 international students

170,000+ alumni in 152 countries

36% of faculty originated from other countries; 54% of faculty hold a degree from a university abroad

5 campuses

14 faculties

30,000+ students

24,000+ undergraduate students

6,000 graduate students
Eyes High strategic vision

1. Sharpen focus on research and scholarship
2. Enrich the quality and breadth of learning
3. Fully integrate the university with the community
Faculties

- Arts
- Werklund School of Education
- Environmental Design
- Graduate Studies
- Haskayne School of Business
- Kinesiology
- Law
- Cumming School of Medicine
- Nursing
- Nursing (Qatar)
- Schulich School of Engineering
- Science
- Social Work
- Veterinary Medicine
Strategic Research Themes

- Energy Innovations for Today and Tomorrow
- Infections, Inflammation and Chronic Diseases
- Human Dynamics in a Changing World
- Engineering Solutions for Health
- New Earth-Space Technologies
- Brain and Mental Health
INTERNATIONALIZATION

Increase diversity

Improve cross-cultural competencies

Enhance academic and research partnerships

Promote international development

Becoming a Global Intellectual Hub
Highlights of the University of Calgary International Strategy
March 2013
Target 1
By 2016, we aim to count 10% of our undergraduate population and 25% of our graduate population as international students.

Target 2
Our goal is that 50% of our students will have an international experience before they graduate.
Internationalization

- Six countries/regions of emphasis established, with associated advisory councils
- 1100+ students (24%) studying in 80+ destinations worldwide through the Study Abroad program
- 80+ exchange and 40+ Group Study programs
Increase Staff for UCI from 15 (including SAO in 2013) to 40 within 4 years (over 250%) under a contemporary organizational structure.
International Relations

- Champion the international strategy
- Partnerships & Agreements
- Hosting international delegations, planning outgoing international missions
- Organizing events & seminars
- Advise on cross-cultural matters

..and a lot more!!
An Increase in IE Workloads

Increase of Internationalization = increase of inquiries internally/externally

Problem:
- UCI was spending most of their time responding to inquiries and “chasing” these requests
- A lot of institutional data surrounding partnership activity but not a systematic approach to utilizing and sharing it
- Needed to come up with processes and tools to ensure our partnerships were strategic and multidimensional

UCalgary International Partnerships
300+ active agreements with partner universities in 80 destinations

Image Source: Huffington Post
**Implementing Processes**

**Step 1:** Consultation with faculties and stakeholders

**Step 2:** Creation of processes through consultation and collaboration with IE Admin Team

**Step 3:** Templates, tools and training sessions were offered to all staff and any faculty members interested
Problems:
• A lot of data circulating around institution
• Data often hard to interpret and find
• Needed a way to communicate information to faculty members and executives

Solutions:
• All information sent to International Relations team
• A full-time Information Administrator was hired who focuses on inputting and interpreting data
## Institutional Profile

### INSTITUTION
City, Country | Established: Year

### INSTITUTIONAL PROFILE

#### RELEVANCE TO THE UNIVERSITY OF CALGARY
Country of emphasis/interest:
Special notes:

#### Rankings
- QS World Rankings
- THE World Rankings

### UNIVERSITY OF CALGARY LINKAGES

<table>
<thead>
<tr>
<th>Agreements/Programs</th>
<th>Active or pending</th>
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<tr>
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<tr>
<td>Other</td>
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</table>

#### Students
- Exchange students from Home
- Exchange students from Visiting
- Articulation students
- Graduate Students at Home from Visiting

#### Alumni and Faculty members
- Faculty members from UCalgary at Institution
- Faculty members from institution at UCalgary

### VISITING DELEGATIONS TO UCALGARY (< 3 YEARS OLD):
- University of Calgary missions (< 3 years old):
- University of Calgary events (< 3 years old):

### SHARED RESEARCH INTERESTS

<table>
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<tr>
<th>Research Themes</th>
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<td>Institution’s Research Priorities</td>
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### Elsevier’s Scopus

### MoveOn

### Research

### MoveOn

### Study Abroad Statistics

### Alumni/HR
Advantage:

- Searches for historical/current agreements, research collaborations and visits between the University of Calgary and Partner Institution
Using Elsevier's Scopus to identify UCalgary and/or partner institution champions

**Advantage:**

- Identifies publications between institutions outlining researchers, subject areas and projects

- Allows us to identify where our faculty members' research interests are aligned, make introductions and, if they want to collaborate, direct them to the research funding opportunities
A macro in Microsoft Excel has been created with the help of our Cumming School of Medicine team to format data from Scopus that shortens time and helps assist us in identifying top publishers.
## Case Study: Tsinghua University

### Tsinghua University
Beijing, China | Established: 1911

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### Institutional Profile

#### Relevance to the University of Calgary

- **Country of emphasis/interest**: China is a country of emphasis under UCalgary’s international strategy.
- **Special notes**: University of Calgary established partnership with Tsinghua University in 2000.

#### Rankings

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<tbody>
<tr>
<td>QS World Rankings</td>
<td>25</td>
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<tr>
<td>QS Top 50 Under 50 (if relevant)</td>
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<tr>
<td>THE World Rankings</td>
<td>47</td>
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#### University of Calgary Linkages

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<td>Academic Agreements</td>
<td>1 active</td>
<td>Students Exchange Agreement (University-wide, exp. 22/05/2017)</td>
</tr>
<tr>
<td>Research Agreements</td>
<td>1 active</td>
<td>LOI – Beijing Site</td>
</tr>
<tr>
<td>Articulation Agreements</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Other</td>
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#### Students

- Exchange students from Home: 2
- Exchange students from Visiting: 2
- Articulation students: 0
- Graduate Students at Home from Visiting: N/A

#### Alumni

- Faculty members from UCalgary at Institution: N/A
- Faculty members from Institution at UCalgary: 3

#### Visiting delegations to UCalgary (<3 years old):

- None

#### University of Calgary missions (<3 years old):

- **October 12, 2016**: Dr. Qiao Sun, associate dean (diversity and equity), School of Engineering visited Tsinghua University and met with Prof. Lin Hong, International Cooperation, Department of Materials Science and Engineering, Tsinghua University, Prof. Fu Song, School of Aerospace, Tsinghua University and Prof. Liu Yuxi, associate dean, School of Aerospace, Tsinghua University to discuss joint graduate degree program with School of Material Science and Engineering and PhD Collaborate with School of Aerospace Engineering.

- **August 13, 2016**: Dr. Qiao Sun, professor of Mechanical and Manufacturing Engineering, Dr. Jupui (Jacky) Wang, researcher in Dr. Ian Gates’ group and Jingchang (Tom) Liu, country coordinator (China) at UCI attended the BBQ hosted by Tsinghua Alumni Association in Calgary (TAA), to welcome the Tsinghua delegation led by Vice President Research & Development of Scientific Research & Engineering, Prof. Jie and MA, Department of Automation, LIU, Program Manager.

- **May 24, 2016**: met with Engineering Research G collaboration between the.

- **April 4, 2016**: UC reps researchers from Tsinghua Petroleum (East China), specific collaborative research.

- **March 31, 2015**: met with exchange students, and in Chinese Law. Tsinghua resources, energy and e.

- **January 5th, 2015**: talk a collaboration between innovations that might was presented to VP p.

- **October 22nd, 2014**: met with University of Calgary,

- **June 26, 2016**: UC Intern Enhancing the relations and collaborations between.

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**Joint publications**: 47 joint publications since 1993 (33 publications in the last five years). The details are shown in the following graphs.
Ghannouchi, F.M.,  IRadio Lab, Department of Electrical and Computer Engineering, University of Calgary
Helaoui, M.,  IRadio Lab, Department of Electrical and Computer Engineering, University of Calgary
Bassam, S.A.,  IRadio Lab, Department of Electrical and Computer Engineering, University of Calgary
• Over 100 Researchers, University of Calgary students and Tsinghua students and alumni attended

• Through use of Scopus and Institutional Data we were able to identify key researchers

• Result: A joint research lab is now in progress
International Partnership Assessment Rating Index (IPARI)

Points = 30

- Academic Programs and Collaborations (7)
- Mobility Programs (12)
- Research Collaborations and Impact (11)
Benefits:

- Identifies joint publications, faculty members that have/are working with institution

- Creates a historical overview of the relationship with the institution (*3 yrs)

- Creates a consistent way to communicate key information

- Executives and faculty members now have data and historical information before meetings

- Administration is able to see how their work contributes to partnership development
Limitations:

- Still a work in progress
- Databases can be expensive
- Currently only share internally
- Takes time to produce, students create so there is always room for error

Next Steps:

- Working on a strategy to rank and rate our partnerships
Igniting Internationalization

thank you.