



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

Okanagan Campus Update 2016



Topics

- Research developments
- UBC campaign outcomes
- Strategic partners
- Mutual interests
- Enrolment
- Indigenous students
- Community engagement
- 2015 Campus Plan overview

Prof. Deborah Buszard

UBC Deputy Vice-Chancellor
Principal, Okanagan campus

Michael White

Associate Vice-President
Campus and Community Planning

Rob Einarson

Associate Vice-President
Finance and Operations

Anthony Haddad

Director
Campus Planning and Development

BOLD THINKING.



Since opening in 2005, we have:

- **More than doubled** enrolment
- **Tripled floor space** with \$400M in capital projects
- **Educated 11,000 UBC graduates**

Today, we have:

- **8** faculties and schools
- **53** bachelor's degrees
- **14** master's and PhD programs

RESEARCH INTENSIVE.



Prof. Phil Barker
Vice-Principal Research

Distinguished molecular biologist and biomedical innovator joined UBC Okanagan from McGill University last summer to lead our research mission.

- **633** research projects
- **14** research centres and institutes
- **\$18.5M** annual research funding



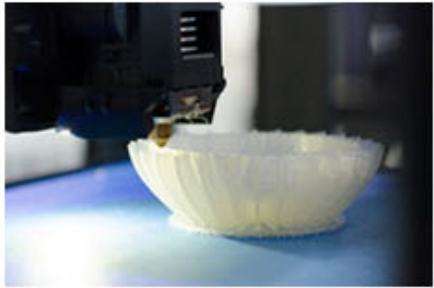
Jacques-Olivier Pesme
Director of the Wine and Spirits Management Academy at KEDGE Business School in Bordeaux, France

Wine Industry Research

Last October, our partnership with BC's wine industry received \$630,000 from Western Economic Diversification Canada to help strengthen cooperation in the industry, enhance export readiness, and develop a global identity.



Survive and Thrive Applied Research



New product design and rapid prototyping



Advanced materials and fabrication



Device and materials testing and impact assessment



Mental health and human performance



Small- and medium-sized enterprises, cooperation and regional economic development

- **\$8-million facility.**
- **\$1M from local donor**
- **Important community support helped us access \$3.8M in federal funding**
- **Driven by industry needs and energized by world-class research**
- **Focused on advancing industry ideas from initial concepts to high-value successes**

Creating capacity to transform



Community investing in building a world-class university in Kelowna

Community support enables us to...

- Improve student learning
- Attract excellent faculty
- Support students
- Build research capacity

CONNECTED.

Direct collaboration with:



A few of our many community partners

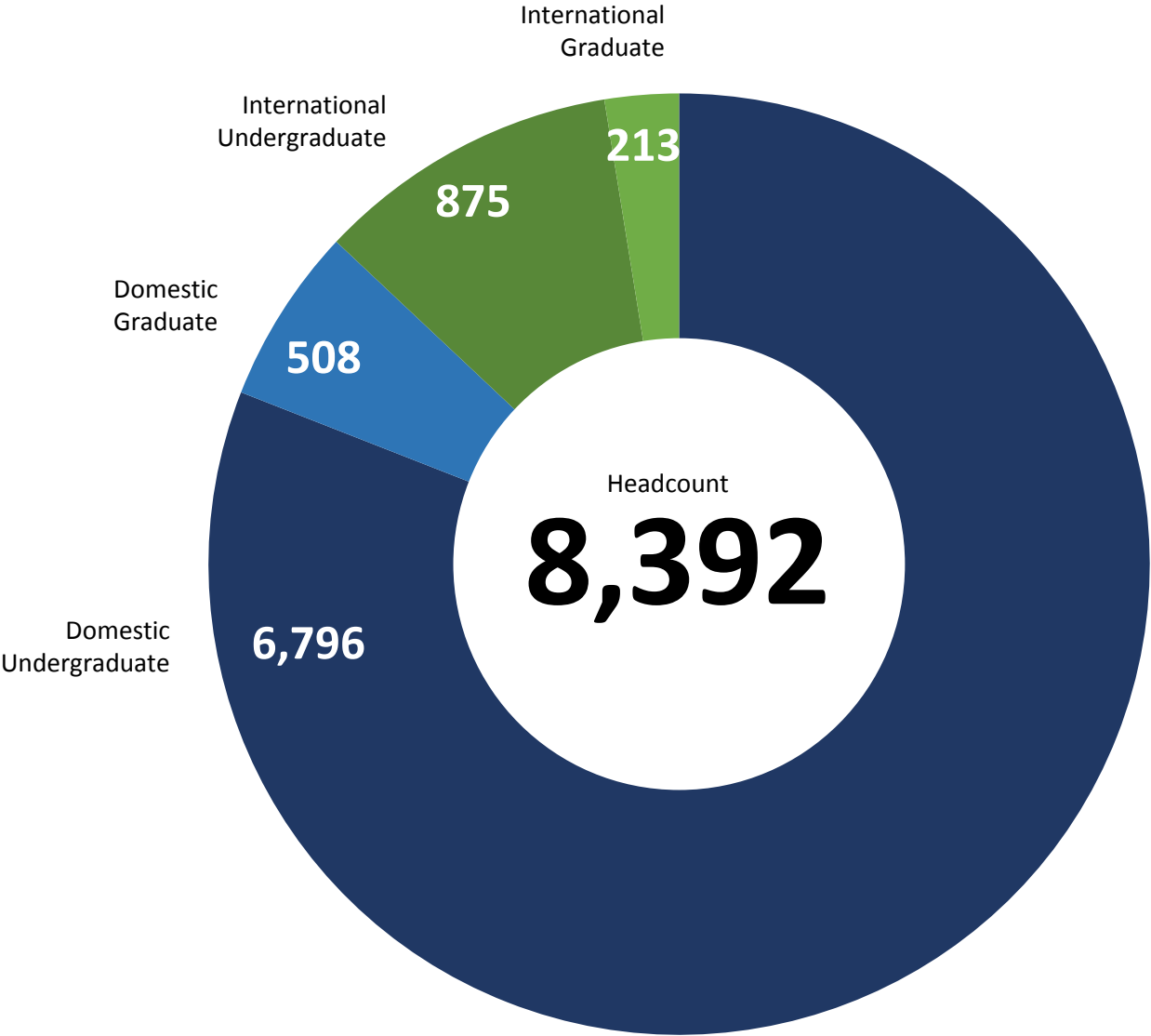
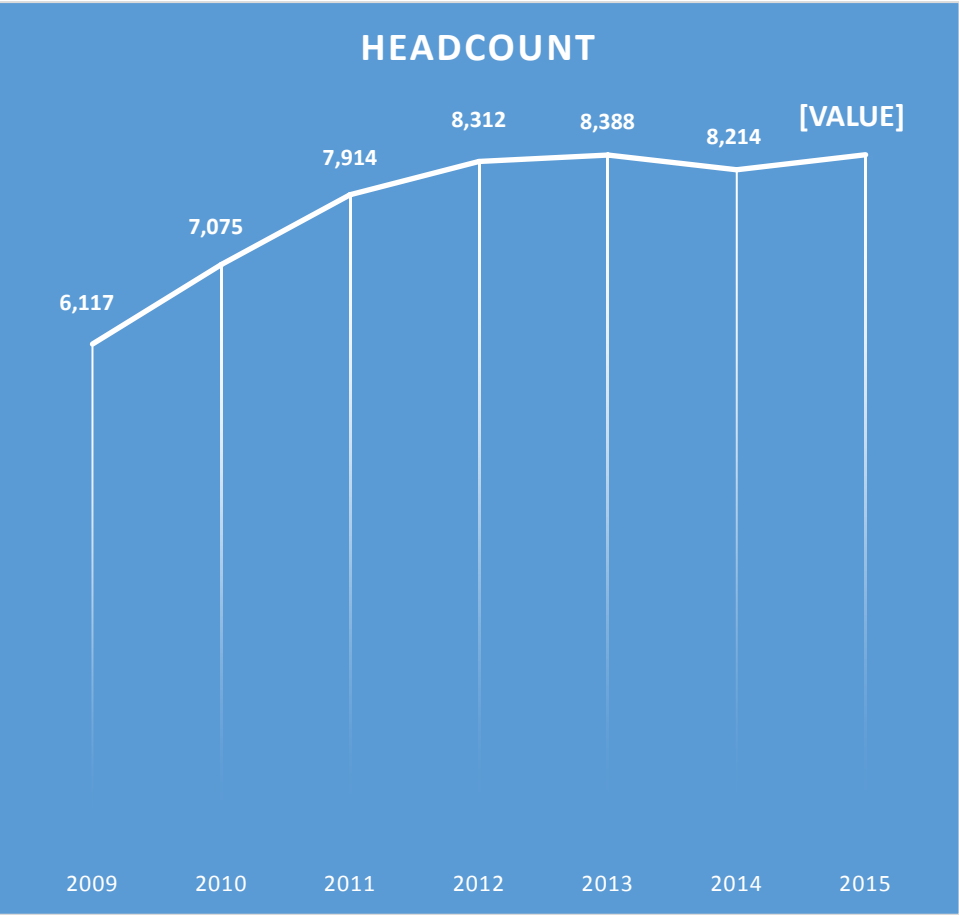
- City of Kelowna
- Regional District of Central Okanagan
- Okanagan Nation Alliance
- Interior Health
- Kelowna Chamber of Commerce
- Okanagan Regional Library
- School District 23
- Kelowna General Hospital
- Accelerate Okanagan
- Rotary Centre for the Arts
- Ki-Low-Na friendship Society
- Central and South Okanagan-Similkameen United Way
- Royal Canadian Legion
- Okanagan Historical Society

MUTUAL INTERESTS.



- Clean water
- Transportation linkages
- Healthy City partnership
- Regional socio-economic development
- Digital

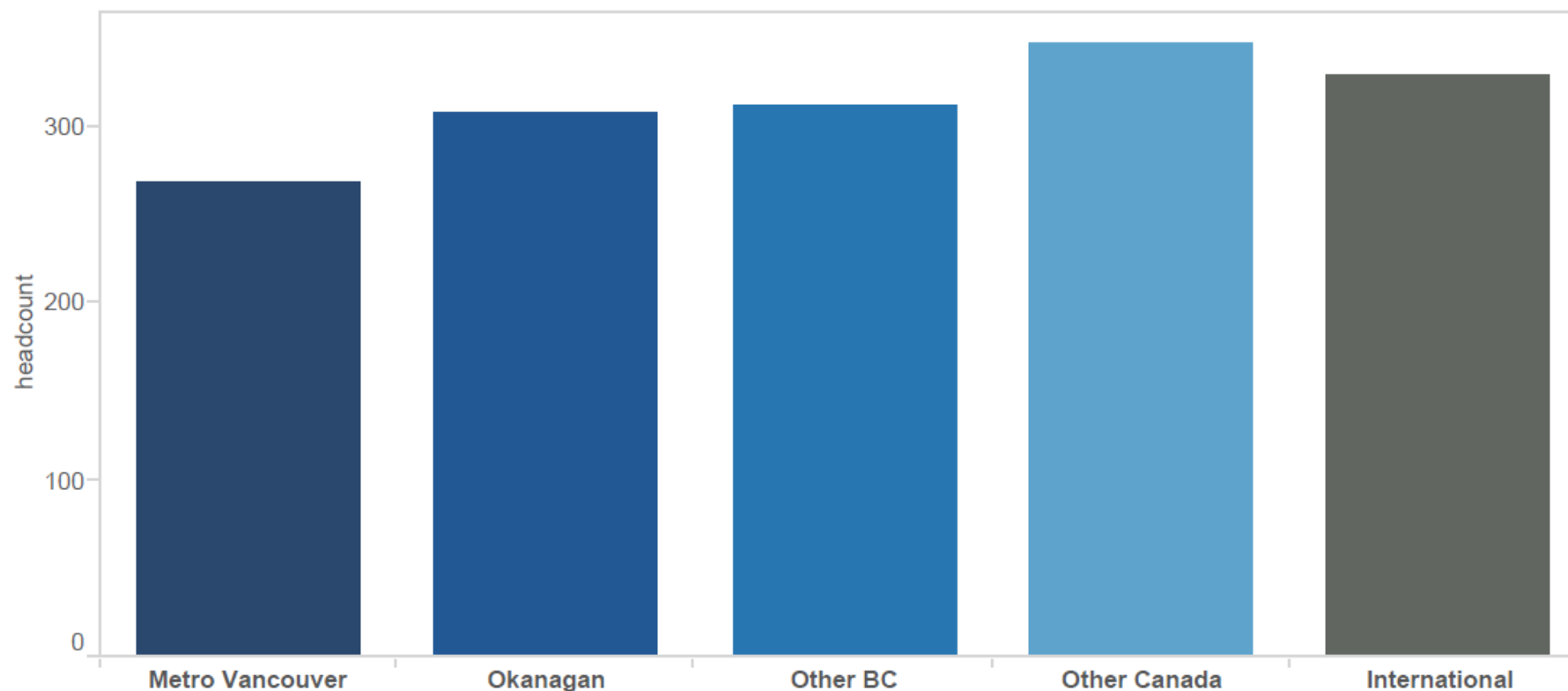
2015-2016 ENROLMENT



60%

of graduates
stay in our
region

WHERE STUDENTS COME FROM

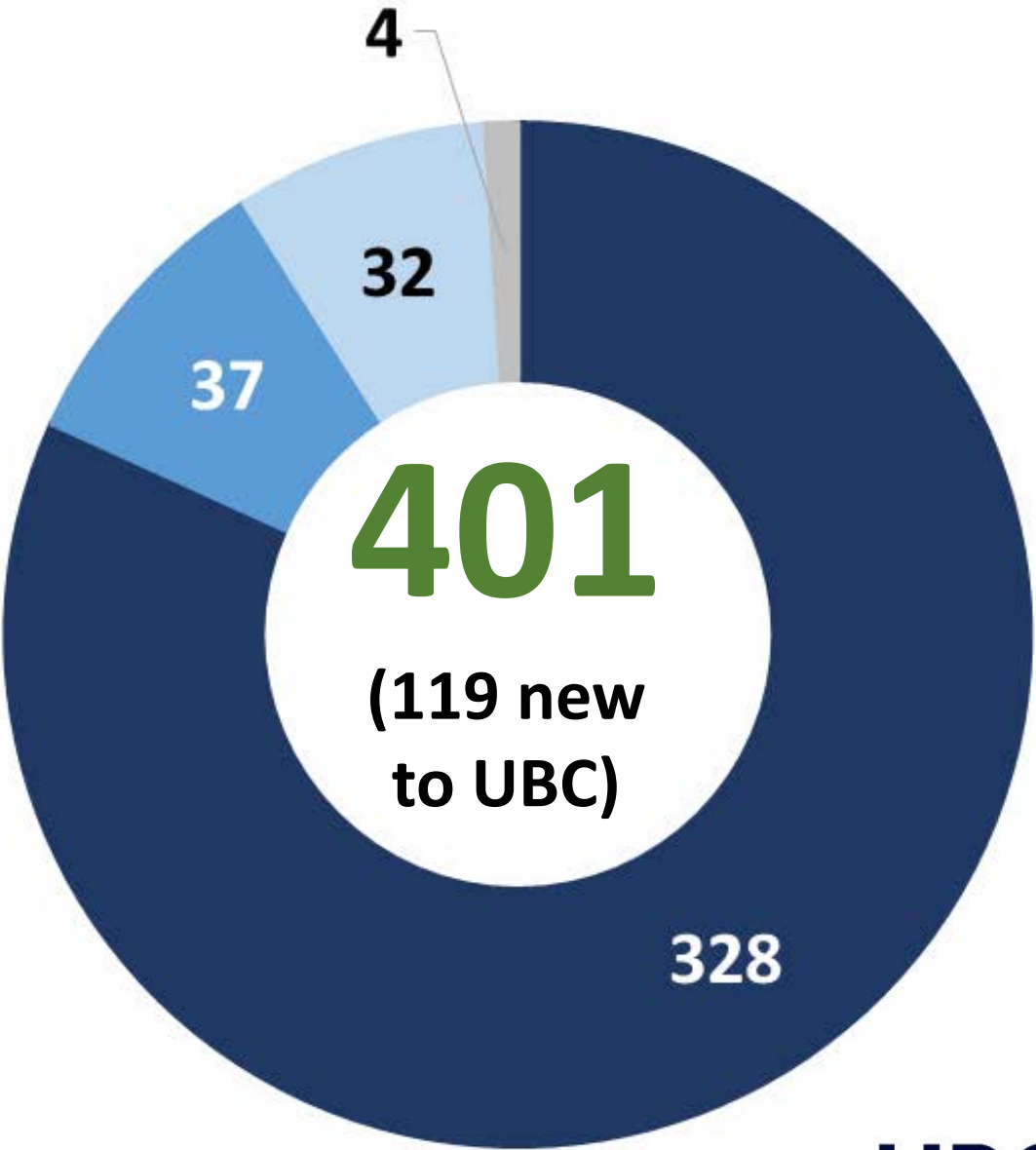


1. China
2. USA
3. Singapore
4. Hong Kong
(China Special
Administrative
Region)
5. India
6. United Kingdom
7. Mexico
8. Japan
9. Malaysia
10. Taiwan

September 2015 direct-entry from high schools

INDIGENOUS STUDENTS

- Undergraduate Degree-seeking
- Graduate Degree-seeking
- Aboriginal Access Studies
- Non-Degree Studies



2013	2014	2015
315	334	401

INDIGENOUS STUDENTS

Downtown Education Project

- In partnership with the Ki-Low-Na Friendship Society
- Three-term pilot project to offer Writing 009 at the downtown Friendship Centre
- Students are able to learn in an environment where they receive services
- Started with first term January 2015
- Exploring similar program in Vernon



ENGAGED.



200+

public events a year

Jay Ingram

The Giant Walkthrough Brain

Jan. 30 & 31

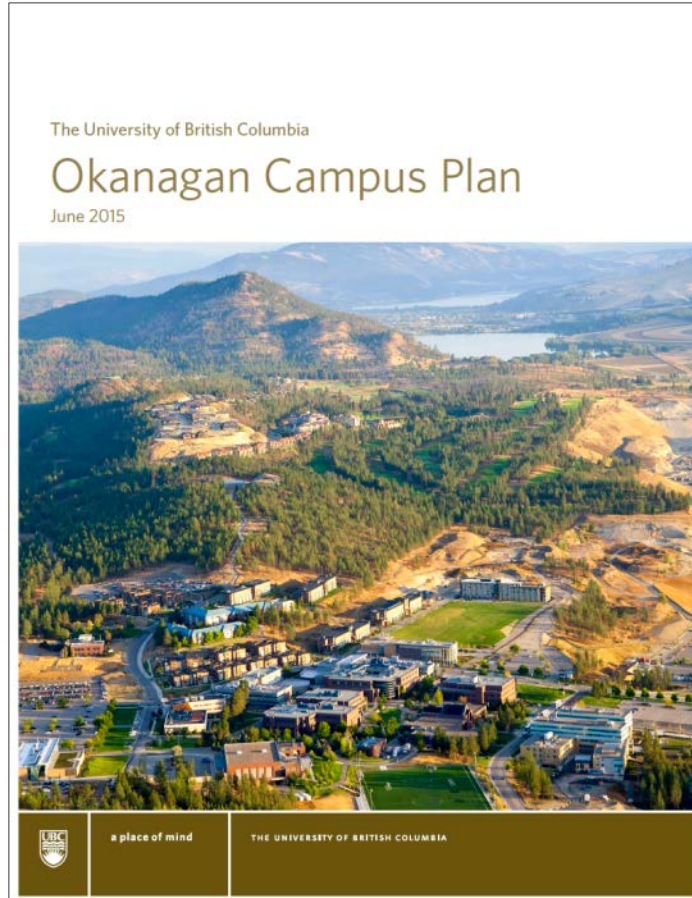
Naomi Klein

Climate change

Feb. 18

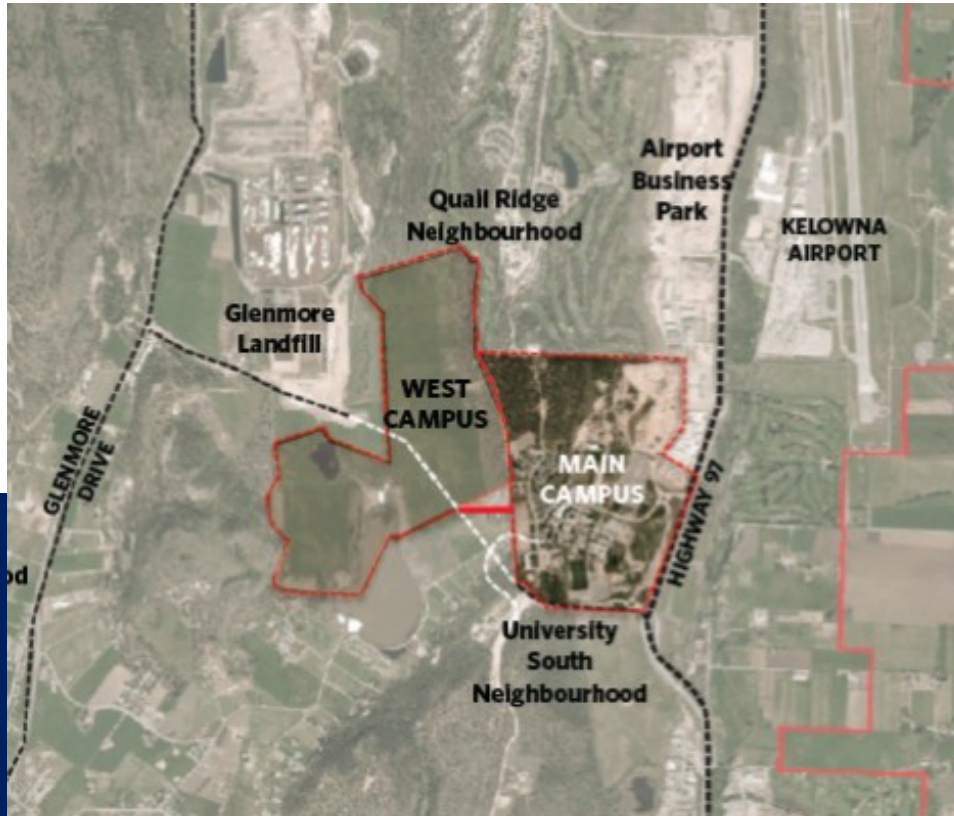
UBC100

Campus Plan Purpose



- Since 2005 campus floor space has nearly tripled and student enrolment has more than doubled, necessitating an update to the 2009 Campus Master Plan.
- In September 2015 the Board of Governors approved the updated UBC Okanagan Campus Plan.
- The 2015 UBC Okanagan Campus Plan guides future campus growth to support the University's academic mission.

Campus Plan Scope



The Campus Plan includes:

- **Main Campus lands only**
- new campus access road from west

Main Campus – 105 ha
West Campus – 103 ha

Campus Plan Vision

The University of British Columbia's Okanagan Campus aspires to be a centre for learning and innovation that produces global citizens through transformative personal growth and collaboration. Its people, places, and activities are linked by a shared commitment to fostering community, and supporting social and ecological well-being. Deeply connected to the landscape, the campus is an accessible, intimate, and welcoming environment – a catalyst for positive change.



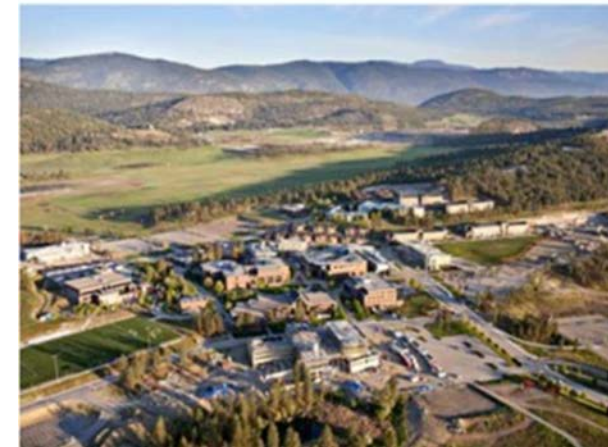
Planning Principles + Strategies

Principle #1 - A Welcoming and Connected Campus

Principle #2 – Celebrate Place

Principle #3 – Campus Vitality

Principle #4 – Whole Systems Infrastructure



Campus Places



The success of the Campus Vision relies on **the creation of distinct and welcoming places** that support a range of opportunities for interaction, enjoyment and learning year round.

- ① University Way "Main Street"
- ② Okanagan Commons and Okanagan Commons Building
- ③ University Centre Plaza
- ④ Central Courtyard
- ⑤ Arrival Plaza and Transit Exchange
- ⑥ Arts and Science Courtyard
- ⑦ Nonis Neighbourhood
- ⑧ Purcell Courts
- ⑨ The Pond
- ⑩ Ponderosa Pine Forest
- ⑪ Research/Innovation Precinct

Campus Places



University Way "Main Street"



Temporary art and furniture installation



Integrated seating and tables

Campus Places



Arrival Plaza and Transit Exchange



Outdoor waiting lounge

- ① Arrival Plaza
- ② Transit Exchange
- ③ East-West Promenade
- ④ Engineering, Management and Education Building
- ⑤ Administration Building
- ⑥ University Theatre
- ⑦ University Way "Main Street"
- ⑧ Mid-Campus "Green Connector"

Campus Places



Nonis Neighbourhood

Research/Innovation Precinct



Community Partnership

- **Regionally Significant Location**
 - UBC & Airport
- **Local, Regional and Global Partnerships** with businesses, research and other organizations.

Research/Innovation Precinct



High quality public realm



- ① Shared Open Space / Stormwater Feature
- ② Parking Concourse
- ③ Research Mews
- ④ Small Start-up Site
- ⑤ Large Start-up Site



Research / Innovation Precinct

Plan Frameworks

The Campus Plan establishes **planning frameworks** to inform existing and future uses, activities and development on the campus, to deliver on the Plan's principles and strategies.

These frameworks include:

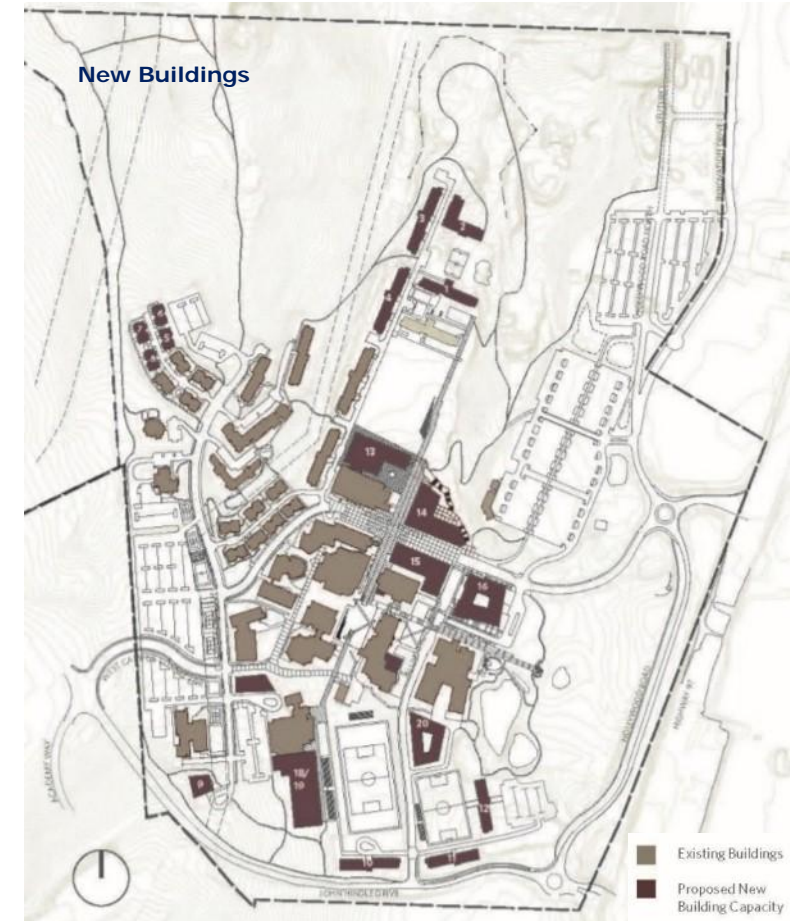
- Buildings and Land Use
- Academic Research and Partnerships
- Residential
- Landscape and Public Realm
- Recreation
- Amenities and Programming
- Circulation and Transportation
- Parking
- Whole Systems Infrastructure

Plan Frameworks

Buildings + Land Use



Use	Existing	Additional Capacity (Approx.)
Academic	86,500 M ²	85,000 M ²
Residential	49,500 M ² (1676 student beds)	66,000 M ² (2200 student beds + faculty/ staff housing)



Plan Frameworks

Landscapes + Public Realm

- Variety of opportunities for socialization, recreation and integration with academic life

Recreation

- Range of indoor and outdoor recreation opportunities

Amenities + Programming

- Concentrated, ground-level amenities and services within campus core to animate and strengthen sense of community



Seating steps



The Commons



Variety of eating options



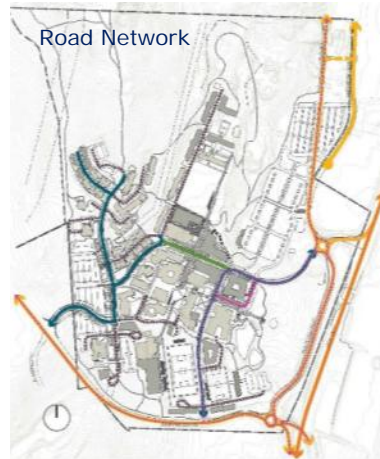
Plan Frameworks

Circulation + Transportation

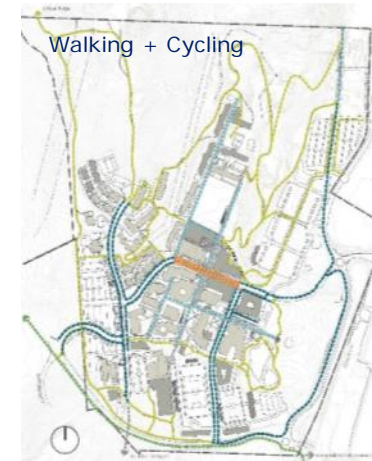
- Road Network
- Transit
- Walking + Cycling

Parking

- Surface parking on campus periphery
- Structured parking
- Increased transit mode share



- Highway 97
- City of Kelowna
- UBC Local Road
- Service / Parking Access
- Pedestrian / Bike Only
- Transit



- Sidewalk
- Campus Trail
- Pedestrian Spine
- Pedestrian / Cyclist Only
- Multi-Use Trail / Regional Cycling Connection
- Potential Long Term Connection



Residence bike racks

- Existing Surface Parking
- Proposed Surface Parking
- Future Structured Parking
- Short Term Parking / Kiss and Ride



Whole Systems Sustainable Infrastructure Plan

- A **technical implementation plan** arising from The Campus Plan
- **Manages growth and future climate risks** to achieve a net positive impact on the well-being of the campus community and ecology
- **Guides sustainability actions** across multiple portfolios to achieve environmental, social and cost benefits
- Provides a **framework to engage the campus community** in stewardship and implementation



Design Strategies + Guidelines

Based on the design strategies, the Plan sets out **campus-wide guidelines** for:

- Urban Design
- Landscape
- Views
- Universal Accessibility
- Sustainability



Animated outdoor and indoor spaces



Cassiar Residence ramp

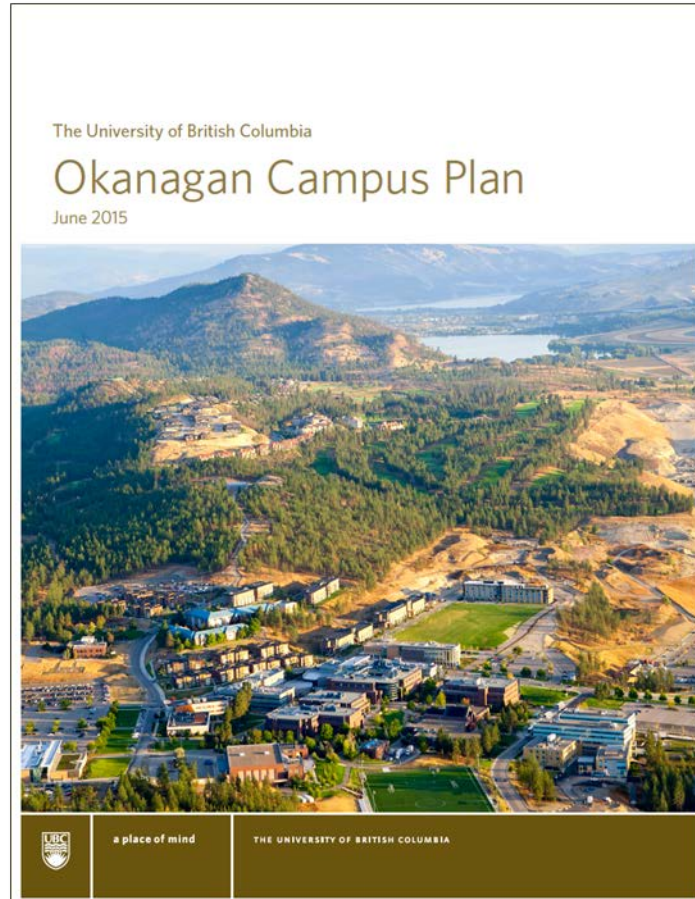


Generous overhangs and transparency

- Long Views
- Internal Framed Views



Okanagan Campus Plan



Engagement driven:

- Broad support and optimism from the university community
- Growing collaboration and partnership throughout the region
- A strategic economic role in the future of the Kelowna and the interior of BC
- Well placed for successful implementation

What's Next

Realizing the Plan:

- Research/Innovation Business Strategy and Precinct Plan
- Campus Development
- Transportation Improvements



Research/Innovation Precinct

Business Case Development

- Planning research
- Feasibility analysis
- UBCPT analysis
- Best practice review
- Lessons learned
- Board involvement as planning moves forward



Best Practice Analysis

- University of California
- University of Victoria
- Laval University
- Research Triangle Park – North Carolina
- University of Waterloo
- North Carolina State University
- University of Wisconsin
- University of Pennsylvania



Campus Development

Priorities

Infrastructure

- John Hindle Drive – West Campus Access
- Transit Exchange
- Pedestrianization of Campus Core
- Sustainable Infrastructure

Capital

- Teaching & Learning Facility
- Okanagan Commons
- Skeena Student Housing



Transportation Improvements

- A series of shorter term actions and a **longer-term strategic transportation plan**
- Improvements for:
 - Walking
 - Cycling
 - Transit
 - Driving & Parking
 - Circulation Management



Shorter Term Transportation Actions

Upcoming Opportunities

- John Hindle Drive
 - West Campus Access
- Transit Exchange
- Pedestrianized Core
- Cycling Access



- "...with a burgeoning tech sector, an acclaimed university and a boom in housing, the Okanagan's biggest city is now taking on a decidedly younger flair."
- "Perhaps nothing has been as critical to Kelowna's decade of growth, however, as the establishment of UBC's Okanagan campus."
- "The university has fostered or augmented a whole community of interwoven disciplines in the city, most notably in education, medicine and technology."





Thank You

University of British Columbia
Web: www.planning.ubc.ca