

U CAN
MAKE

CITIES

MADE FOR

ANNUAL
REPORT
2018/19

PEOPLE

SCHOOL OF
ARCHITECTURE,
PLANNING +
LANDSCAPE



1

CITY BUILDING DESIGN LAB =

PUBLIC EXHIBITIONS

12

CBDLAB EVENTS

65

ENGAGED CITIZENS

4100

Year-at-a-Glance 2018/19

GRADUATES

83

FACULTY, SESSIONALS, GUEST LECTURERS

85

SAPL ALUMNI

2244

DEAN'S MESSAGE

HIGHLIGHTS OF 2018/19



I am very pleased to present the School's inaugural Annual Report. In addition to documenting the many accomplishments of our faculty and students, this report establishes baseline metrics across all dimensions of our operations. We will use these to measure our strengths and identify areas for improvement.

The 2018–19 academic year is an auspicious time to launch such a process. In May 2019, the City Building Design Lab (CBDLab) opened to the public as a design storefront, teaching studio, exhibition space, and research lab. Our goal is for the CBDLab to be the R&D hub for Alberta's architecture, engineering and construction industry. I extend my gratitude to our students, faculty and staff for their perseverance, patience and optimistic outlook during the opening of this new facility and the transition of a portion of our teaching, research, and community outreach activities downtown.

This year also marked the change of our name from the Faculty of Environmental Design to the School of Architecture, Planning and Landscape. We did this to increase legibility and visibility for our academic programs and research. Rest assured that we continue to remain committed to the faculty's founding principle of interdisciplinary, trans-scalar design practice and the goal of disrupting the status quo of traditional professional silos to more effectively meet the major challenges facing our cities and the natural environments in which they are embedded.

This has been an exceptionally good year for our School. The metrics established will help guide our teaching, research, and community action to even higher levels of achievement.

——— **Dr. John Brown, PhD, Dean**





IMAGE: YEAR END
SHOW AND GRAND
OPENING OF THE
CITY BUILDING
DESIGN LAB,
APRIL 2019

Teaching + Learning

TOTAL SCHOLARSHIPS AWARDED

\$824,582

COURSES DELIVERED

121



STUDENTS

337

FACULTY

26

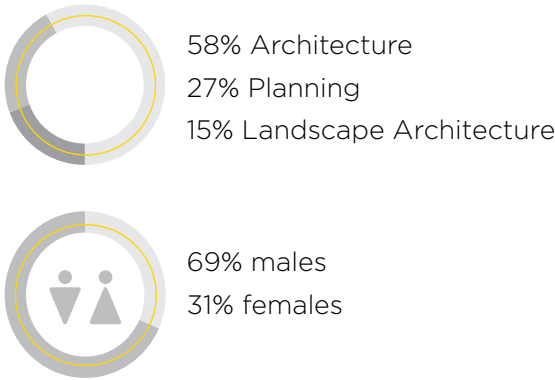
STUDY ABROAD PARTICIPANTS

135

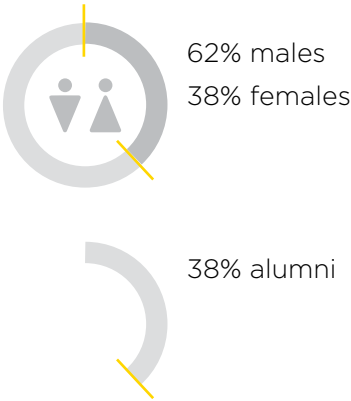
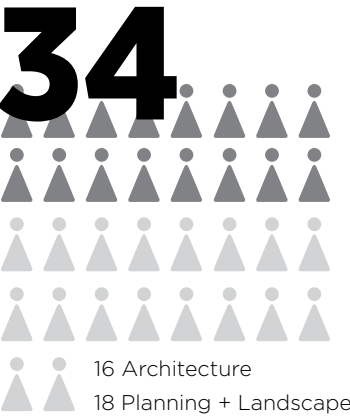
IMAGE: MASTER
OF LANDSCAPE
ARCHITECTURE,
STUDIO REVIEW

FACULTY AND STAFF

FACULTY



SESSIONALS



STAFF



- 6 Academic/Administrative
- 1 Development
- 1 Executive Assistant to the Dean
- 1 IT
- 1 Operations
- 1 Marketing
- 2.5 Workshop

*By engaging contemporary problems,
students come to understand THE implications
of creating environments in the 21st century.*

RATIO
FACULTY:STUDENTS



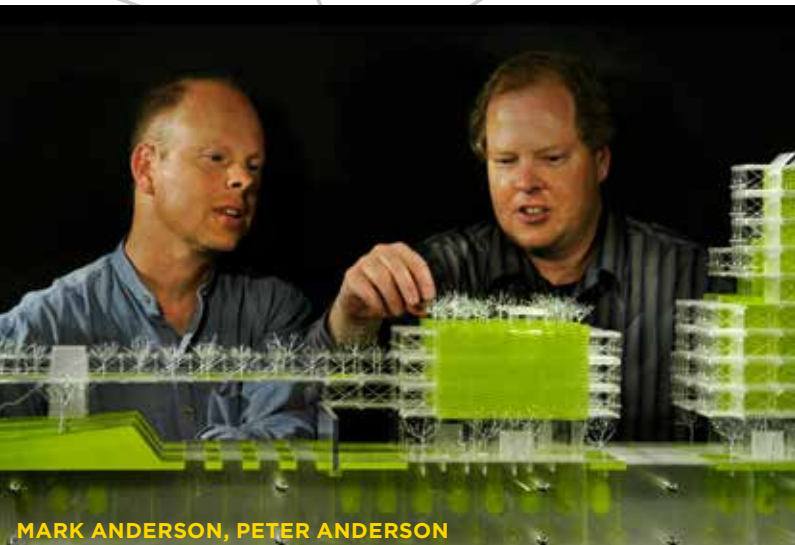
IMAGE: FRANK HICKLI,
WORKSHOP TECHNICIAN

GUEST LECTURERS

25



SIERRA BAINBRIDGE



MARK ANDERSON, PETER ANDERSON



AMY WHITESIDES



JULIAN PETRIN



POOYA BAKTASH



FLORIAN IDENBURG, DORA EPSTEIN-JONES, JULIE LARSEN



SIR DAVID ADJAYE

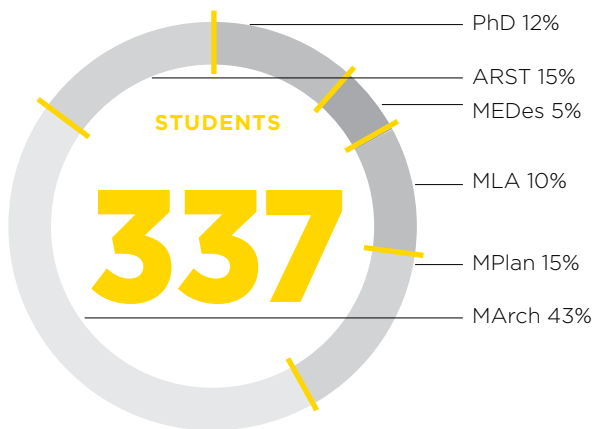


PETER CALTHORPE



KASPER GULDAGER JENSEN

STUDENTS



2018/19 GRADUATES

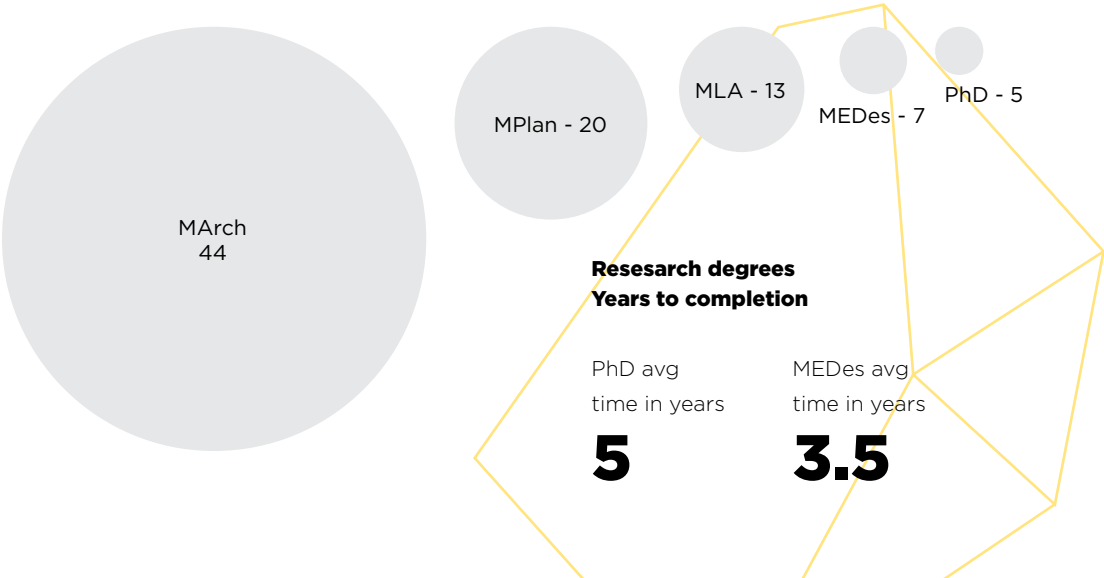
89

Where do our graduates come from?

Canada	Iraq
China	Mexico
Czech Republic	Saudi Arabia
Ecuador	Tanzania
Egypt	Ukraine
Hong Kong	Vietnam
India	Zambia
Iran	

What provinces?

Alberta
British Columbia
Nova Scotia
Ontario
Quebec
Saskatchewan





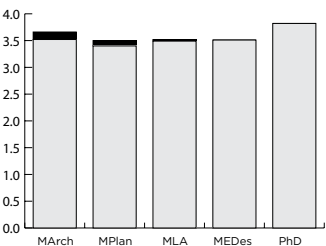
RECRUITMENT

APPLICATIONS

353

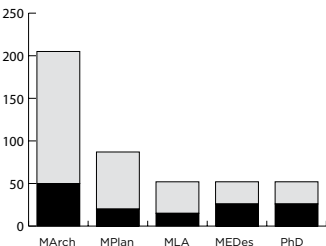
Average GPAs

Applicant GPA vs offered



MArch 3.38, 3.52
MPlan 3.40, 3.50
MLA 3.49, 3.52
MEDes 3.51, 3.82
PhD 3.52, 3.82

Applications vs Seats



MARCH 205, 50
MPLAN 67, 20
MLA 37, 15
MEDES 26, 26
PHD 23, 23

MLA

- Anthropology 4%
- Archaeology 4%
- Architecture 37%
- Design 7%
- Environmental Design 4%
- Environmental Studies 4%
- Fine Arts 7%
- Geography 4%
- Landscape Architecture 11%
- Political Science 4%
- Psychology 4%
- Urban Planning 7%
- Urban Studies 4%

MArch

- Animal Science 1%
- Architectural Engineering 9%
- Architectural Scienc 8%
- Architectural Studies 9%
- Architecture 45%
- Environmental Design 4%
- Fine Arts 9%
- Interior Design 4%
- Urban Studies 12%

What undergraduate degrees do applicants have?

MPlan

- Anthropology 6%
- Architecture 31%
- Commerce 4%
- Communications 2%
- English 2%
- Environmental Design 4%
- Environmental Science 2%
- Environmental Studies 2%
- Finance 2%
- Geography 9%
- Geography & Rural Development 2%
- Geology 2%
- Human Geography 2%
- Kinesiology 2%
- Landscape Architecture 4%
- Planning 11%
- Political Science 4%
- Urban Ecology 2%
- Urban Studies 9%

Where are our applicants from?

Australia
Bangladesh
China
Egypt
Ghana
India
Iran
Jordan
Korea
Mexico
Mongolia
Netherlands
Nigeria
Pakistan
Palestinian Territory
Philippines
Russia
Saudi Arabia
Slovenia
Syria
Tanzania
United Kingdom
United States
Vietnam

ACCEPTANCE RATE

32%

NEW STUDENTS

113

IMAGE: STUDENT
IN WORKSHOP

ACADEMIC COURSES

TOTAL
COURSES

129

SAPL offers 121 masters level courses
and 8 undergraduate courses.

REQUIRED

74

UNDERGRAD

8

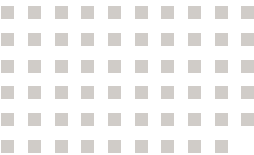
ELECTIVES

47

COURSE
TYPES

5

SAPL programs offer a
range of experiences:



LECTURE
COURSES

59

19

INTERDISCIPLINARY
COURSES

8

STUDY ABROAD
LOCATIONS

UP 2 FROM 2017/18

16

BLOCK WEEK
COURSES

34

STUDIO
COURSES



STUDY ABROAD TRAVELLERS

135

STUDENT SUPPORT

STUDENT ASSISTANTSHIP VALUE

GAR, GANT, GAT *

\$534,103

STUDENT HIRES

69

STUDENT AWARDS

AWARDED SCHOLARSHIP VALUE

\$1,051,921

AWARDED SCHOLARSHIPS

43

* GAR - Graduate Assistantship Research, GANT - Graduate Assistantship Non-Teaching,
GAT - Graduate Assistantship Teaching

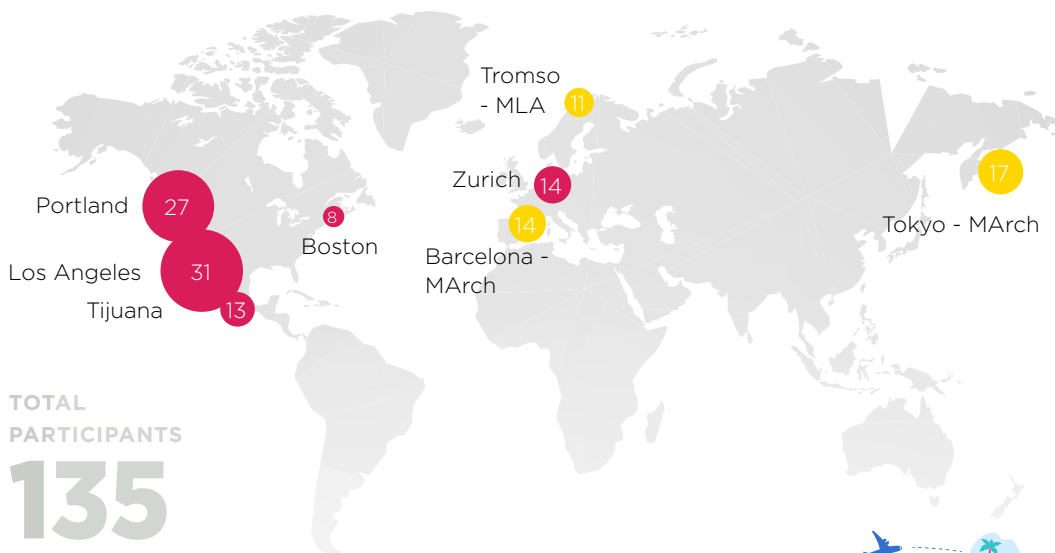




IMAGES:
CONVOCATION,
JUNE 2019

STUDY ABROAD

Study abroad participants by program



STUDY ABROAD FINANCIAL SUPPORT

\$14,250





NEW
STUDY ABROAD
PROGRAMS

2

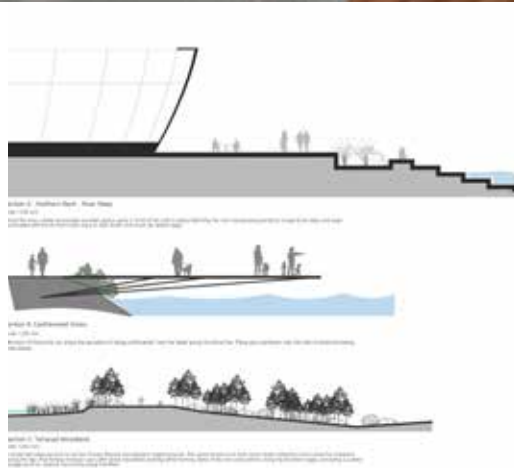
TRAVEL GRANT RECIPIENTS

19

IMAGE: BARCELONA
STUDY ABROAD,
FALL TERM 2018

STUDENT AWARDS AND COMPETITIONS

1



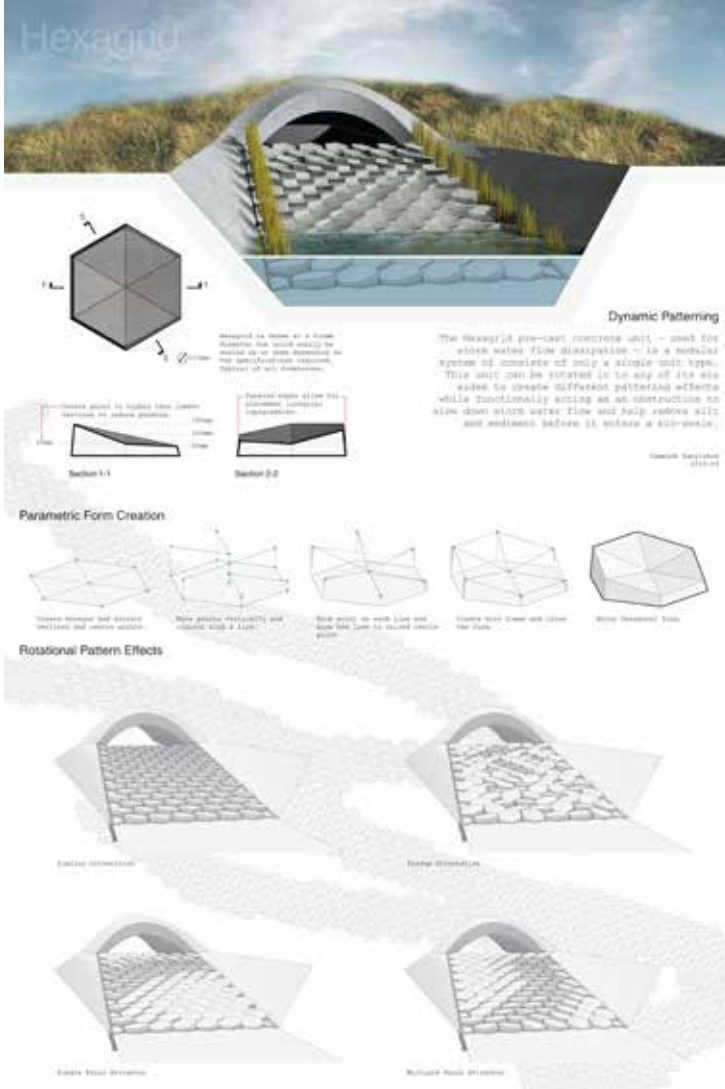
WINNER: NATIONAL CAPITAL COMMISSION'S CAPITAL RIVERFRONT CHALLENGE

Students: Emily Kaing (MLA), Ji Sun (MARCH), Liyang Wan (MPlan)

Supervisor: Francisco Alaniz Uribe

A SAPL student team won the Ottawa Capital Riverfront Challenge organized by the National Capital Commission (NCC). The winning

interdisciplinary group includes Emily Kaing (MLA), Ji Sun (MARCH), and Liyang Wan (MPlan), and was supervised by Francisco Alaniz Uribe. Their submission, titled "Fluvial", a design vision for a new public park along the Ottawa River south shore inspired by the natural riparian forms and life, was selected amongst 12 other submissions from universities across Canada.



3 BARKMAN COMPETITION

Five winners of the 2019 Barkman Concrete Design competition presented solutions to the challenge of designing a concrete culvert as ecological infrastructure or functional art.

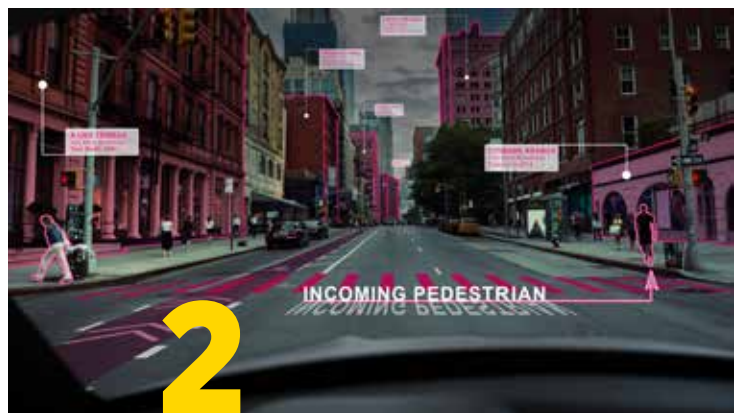
- 1st Prize: Cameron Danylchuk
- 2nd Prize: Diane Lee
- 3rd Prize: Vienna Braux
- 4th Prize: Christina Peace
- 5th Prize: Thu Ngo

UNIQUE "ARCHIVE" APP TEACHES PEOPLE ABOUT HERITAGE WHILE ENHANCING PEDESTRIAN SAFETY

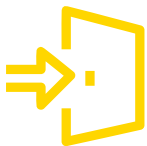
Student: Hannah Allawi (PhD)

Supervisor: Thomas Keenan

Hannah Allawi's ARchive app idea placed second in the True AR Challenge & Hackathon Competition. The AR app helps you learn about historic landmarks through the windshield of your car.



FACILITIES



NW CAMPUS

75,000 S.F. TOTAL

20,000 S.F. DESIGN STUDIOS

13,000 S.F. ROBOTICS

FABRICATION WORKSHOPS

DIGITAL SIMULATION LABS

STANTEC GALLERY

STUDENT LOUNGE

STUDENT KITCHEN



CITY BUILDING DESIGN LAB

24,000 S.F. TOTAL

PUBLIC GALLERY

EVENT HALL

DIGITAL FABRICATION LAB

ROBOTS

3D PRINTERS

STUDIOS



GLOBAL NEWS,
MAY 18, 2019:

**NEW INNOVATION HUB
OPENS IN CALGARY'S OLD
CENTRAL LIBRARY**



**SAPL OPENS THE CITY
BUILDING DESIGN LAB,
A NEW HUB FOR CITY
BUILDING.**

**MEDIA OUTLETS
COVERING LAUNCH
ANNOUNCEMENT**

6

ATTENDEES

3100

EVENTS

65



IMAGE:
CITY BUILDING
GALLERY, STUDENT
EXHIBITION SET UP

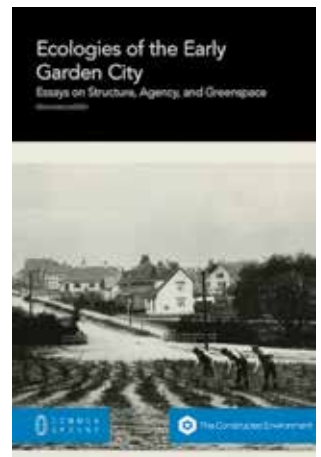
Research +Innovation

PUBLICATION

ECOLOGIES OF THE EARLY GARDEN CITY: ESSAYS ON STRUCTURE, AGENCY, AND GREENSPACE

Authored by Graham Livesey

This is a study of the inaugural decade (1903-1913) of the first Garden City at Letchworth, in Hertfordshire, employing theories derived from landscape ecology and assemblage theory. The early Garden City movement, as represented by the writings of Ebenezer Howard—particularly his book *Tomorrow: A Peaceful Path to Real Reform* (1898)—was a concerted attempt to redefine many urban practices. The Garden City strove to unite town and country through the garden, it emerged as a direct response to what were perceived to be the evils of the large industrial cities of the nineteenth century. The field of landscape ecology provides a structural method for examining the behavior of landscapes, by focusing on flow, patch, and boundary systems. These are examined in the urban context, along with the broad topic of agency. Ecological factors are complemented by Gilles Deleuze and Félix Guattari's concept of "assemblage," with its emphasis on territorial, cultural, and formal factors. This provides the material for a study of the theories of Ebenezer Howard and the early history of Letchworth Garden City. This includes exploring the central role of gardens, farms, and the greenbelt in the Garden City model, along with agents such as the gardener, farmer, and manager. The Garden City also pioneered modern town-planning, and contributed in such areas as planned neighborhoods, housing design, streetscape composition, architectural controls, controlled growth, urban zoning, greenspace organization, and regional responsiveness.



Publisher: Common Ground Research
Networks (Mar 9, 2019)
Hardcover: 174 pages
ISBN-13: 978-1863351270

NATIONAL URBAN DESIGN AWARD

4TH AVENUE FLYOVER

Tawab Hlimi and a team of MLA students with the Bridgeland Community and Grade 6 students from the community were awarded a certificate of merit for the 4th Avenue Flyover project in the Community Improvement

Initiatives category. The projects receiving 2018 National Urban Design Awards reflect a range of ideas about reclaiming and enhancing public space while addressing challenges such as urban density, environmental sustainability, and affordability.



Publisher: Routledge (Dec 17, 2018)
Paperback: 288 pages
ISBN-13: 978-0815360612

PUBLICATION

MASS CUSTOMIZATION AND DESIGN DEMOCRATIZATION

Edited by Branko Kolarevic, José Pinto Duarte

Parametric design and digital fabrication are enabling non-designers to mass produce non-standard, highly differentiated products – from shoes and tableware to furniture and even houses. The result of these newly available mass customization tools has been a ‘democratization’ of design. *Mass Customization and Design Democratization* is the first book to address this recent phenomenon. Demonstrating how the considerable potential of these tools can be realized in practice, it introduces essential technologies and design approaches and provides numerous examples of the latest, cutting edge work from leading design firms, manufacturers and thinkers.

Community Engagement

SOCIAL POSTS

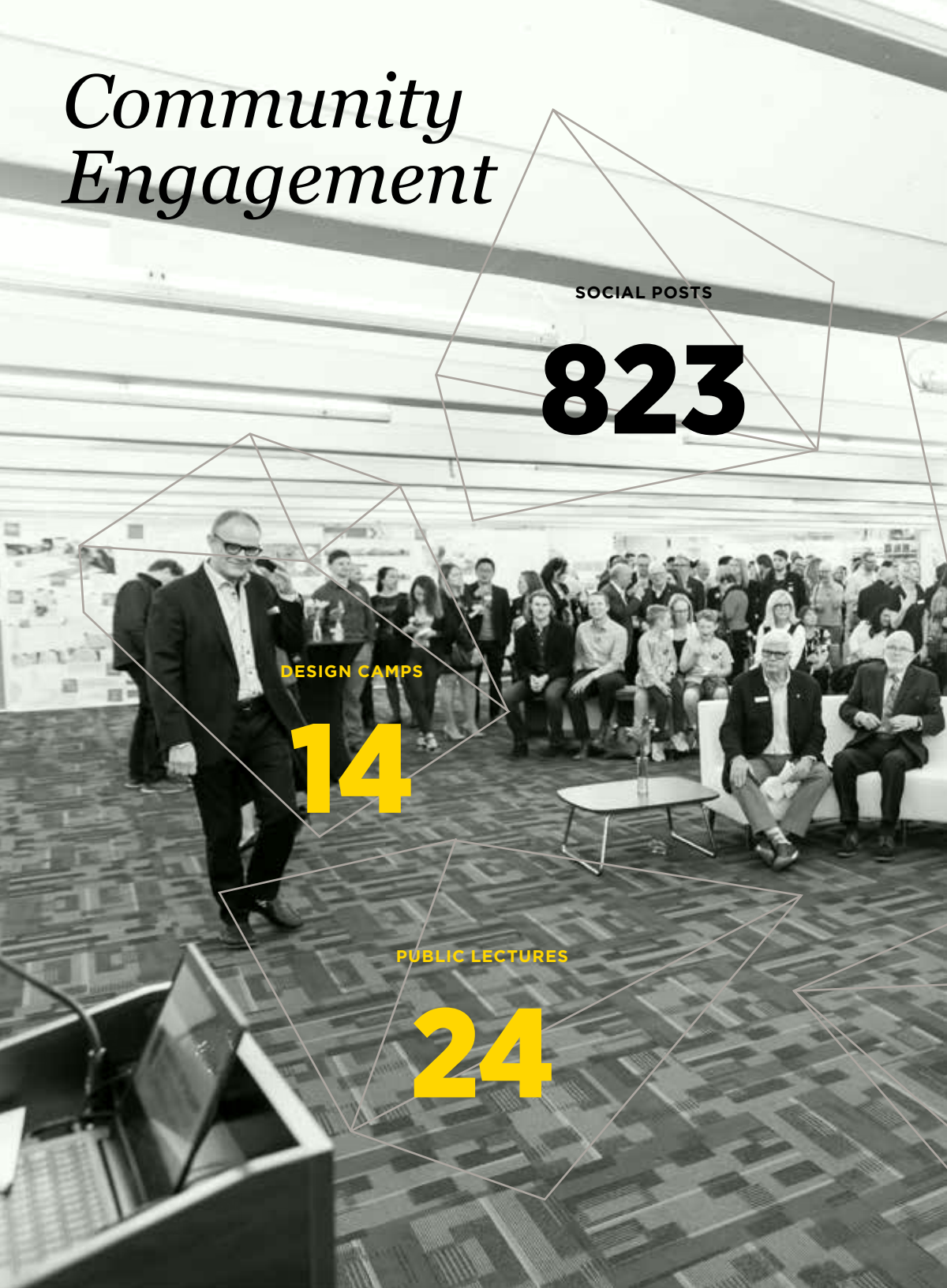
823

DESIGN CAMPS

14

PUBLIC LECTURES

24



SOCIAL INTERACTIONS

16,642

SOCIAL FOLLOWERS

5,681

EVENT ATTENDEES

3,260

CBDLAB EVENTS

65

PUBLIC EXHIBITIONS

12

SAPL EVENTS

21

IMAGE: YEAR-END
SHOW AND OPENING
OF THE CITY
BUILDING DESIGN LAB
WITH 500 GUESTS,
APRIL 2019

Development + Alumni

SAPL ALUMNI

2244

ENGAGED ALUMNI

282

IMAGE: "VINTAGE
ALUMNI REUNION",
JULY 2018



DONORS

53

\$ RAISED

\$474,193

CONTACTABLE ALUMNI

1101



UNIVERSITY OF
CALGARY

SCHOOL OF ARCHITECTURE,
PLANNING AND LANDSCAPE



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