Annual Report of the Associate Dean, Strategic Initiatives
Presented to the General Assembly, May 2018

Two strategic initiatives have been the focus of activity over the last year: Entrepreneurship at Environment and evolv1.

Entrepreneurship at Environment

Context: Entrepreneurship is a high priority in the Strategic Plan of the University of Waterloo and the Faculty of Environment has been a quiet achiever with many students and alumni forming and building successful ventures (both for-profit and social ventures). A summer 2017 review found the LinkedIn analysis of alumni careers with 420 alumni of the Faculty of Environment listed as entrepreneurs. We plan to recognize the diverse range of local and international accomplishments of 100 of these alumni with a Wall of Recognition in fall 2018.

Velocity, the University of Waterloo’s free incubator, opened its Velocity Start at Environment shared office in October 2017, at EV2 2004.

The Shared Office provides a space where students can meet with
- Environment’s Entrepreneur-in-Residence, Brock Dickinson
- Velocity Start at Environment staff: Christa Renner
- GreenHouse Director: Tania Del Matto
- Graduate Entrepreneurship TA: Jespal Panesar / Elaine Ho
- Undergraduate Entrepreneurship co-op student: Sebastian Meissner / Kristina Tisma

We welcome diverse ideas and use the 17 UN Sustainable Development Goals to help identify problems or challenges to be addressed.

Our Fall/Winter outreach included presentations to 22 classes (2683 students enrolled) by Jespal, Sebastian, Brock, Tania and Paul. Thank you to the instructors for sharing class time.

A series of four Timbit Thursdays were held during the winter term in the foyers of EV1, 2, and 3 where the graduate TA and undergraduate coop student could informally engage students to share E@E initiatives. 128 students attended.

A series of workshops, panels and events were arranged: (260 participants)
- 4 Oct. 2017 Entrepreneur in Residence meet and Greet for Brock Dickinson
- 7 Nov. 2017 Jack Rosen Competition workshop (in collaboration with GreenHouse)
- 27 Feb. 2018 How to thrive consulting in the gig economy

Related events were co-sponsored or supported: (300 participants)
- 9 Nov. 2017 Hult speed mentoring evening (Conrad course event, PP mentor, SM student)
- 18 Jan. 2018 Jack Rosen Pitch Competition (ENV Advancement)
- 12 Feb. 2018 Business, Uncensored with Mandy Rennehan (ENV Advancement)
- 1 Mar. 2018 World’s Challenge Challenge (with Velocity)
We list other events such as AquaHacking and 3 Minute Thesis on our Entrepreneurship at Environment website to support related skill development.

Academic programming related to entrepreneurship has been enhanced with a second offering of ENBUS 203: Green Entrepreneurship arranged (Spring 2018) that is open to all students and a fourth year entrepreneurship project course approved in SEED.

So, who is responding and arranging one-on-one meetings with our Entrepreneur-in-Residence?

68 consultations were held with 32 students (30 ENV, 1 ENG, 1 Arts)

<table>
<thead>
<tr>
<th># of Consultations</th>
<th>Students by Gender</th>
<th>By Unit</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GEM 22%</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>Female 44%</td>
<td></td>
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<tr>
<td>Graduate</td>
<td>Male 56%</td>
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Evolv1 and evolvGREEN

Evolv1 is a multi-tenant commercial office building in the David Johnston Research and Technology Park that is the first of its kind to meet the Canada Green Building Council’s new zero carbon standard (awarded April 2018). The building is designed to be net positive with more energy generated than used operationally so that it also offsets the embedded carbon from construction. Features include: high performance building envelop, triple glazing, a solar wall for preheating ventilation, a geo-exchange/VRF HVAC system, three-storey green wall, photovoltaic solar panels on the roof and carpark, electric vehicle charging stations, bike shelter, adjacent LRT station, rainwater harvesting and cistern storage. Construction is nearing completion with fit-out and occupancy expected later in 2018.

evolvGREEN, a clean tech incubator to grow Canada’s green economy, is located on the ground floor of evolv1. The evolvGREEN partnership includes Sustainable Waterloo Region, Accelerator Centre, Wilfrid Laurier University, City of Waterloo and Region of Waterloo as well as the University of Waterloo’s Faculty of Environment. Collaborative programming, outreach and research is planned.

Respectfully submitted,

Paul Parker

Associate Dean, Strategic Initiatives