



UNIVERSITY OF ALBERTA
HEALTH SCIENCES COUNCIL

ANNUAL REPORT

2017-2018



Health Sciences Council

2017-2018 Annual Report

We're pleased to present our Annual Report on the activities and achievements of the Health Sciences Council (HSC). In pursuit of our mission to facilitate the development of innovative ways to collaboratively promote health and wellness across faculties and within the health system, we continue to support our health sciences faculties and other stakeholders so that collectively we can continue to positively affect health and wellness outcomes [For the Public Good](#).

To that end, we are committed to achieving our strategic goals outlined in our [five-year strategic plan](#).

We invite you to review our progress in our key strategic areas:

1. Interprofessional Education Report
2. Interdisciplinary Research Report
3. Positioning & Stakeholder Engagement Report
4. Sustainability Report

INTERPROFESSIONAL EDUCATION REPORT

GOAL: Create a high quality, innovative curricular model (Interprofessional Learning Pathway) that supports and produces health science graduates who apply best evidence, knowledge, and skills to:

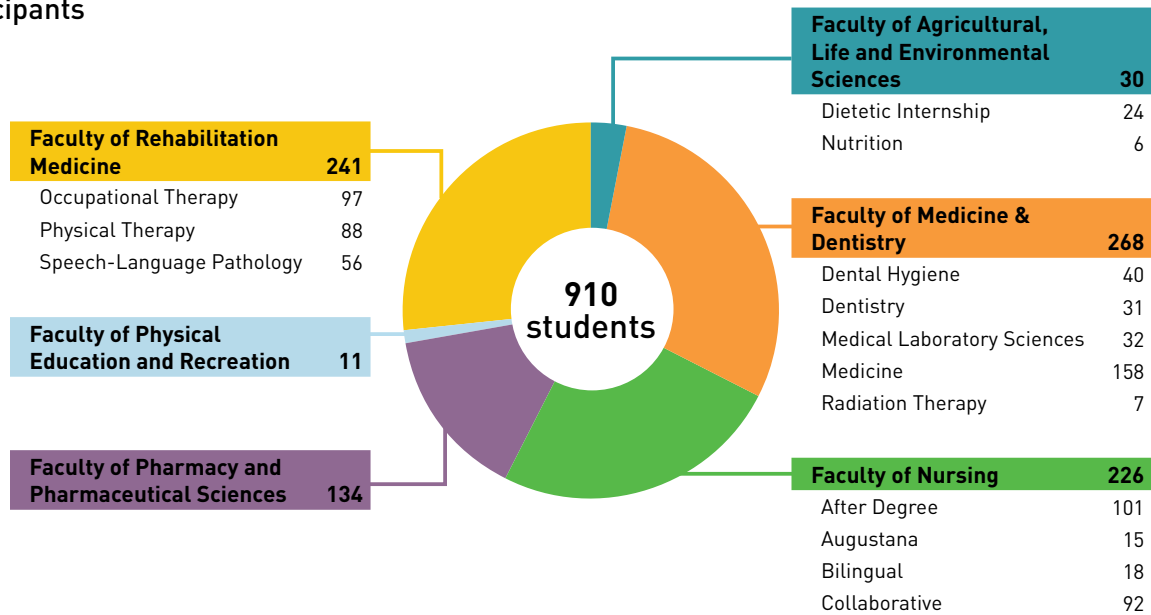
- Deliver safe, high quality, person/family-centered care, and community oriented care
- Advocate for their patients' or community's overall health and well-being
- Lead in the creation and promotion of interprofessional health teams
- Thrive in complex, adaptive health systems

Progress Report: Interprofessional Learning Pathway

1. Interprofessional Learning Pathway Launch

Students from different health science programs start working with each other from the very beginning of their program. The Interprofessional Learning Pathway Launch, a three hour session delivered in the first month of the first year, focuses on developing skills and relationships that will support learners through their education and into the practice setting. Learning is scaffolded on our Interprofessional Competency Framework.

Participants



Partners

20
Patient, or Patient Family Mentors

21
Professional Organizations
(Regulatory Bodies, Associations, Societies)

34
Faculty Facilitators

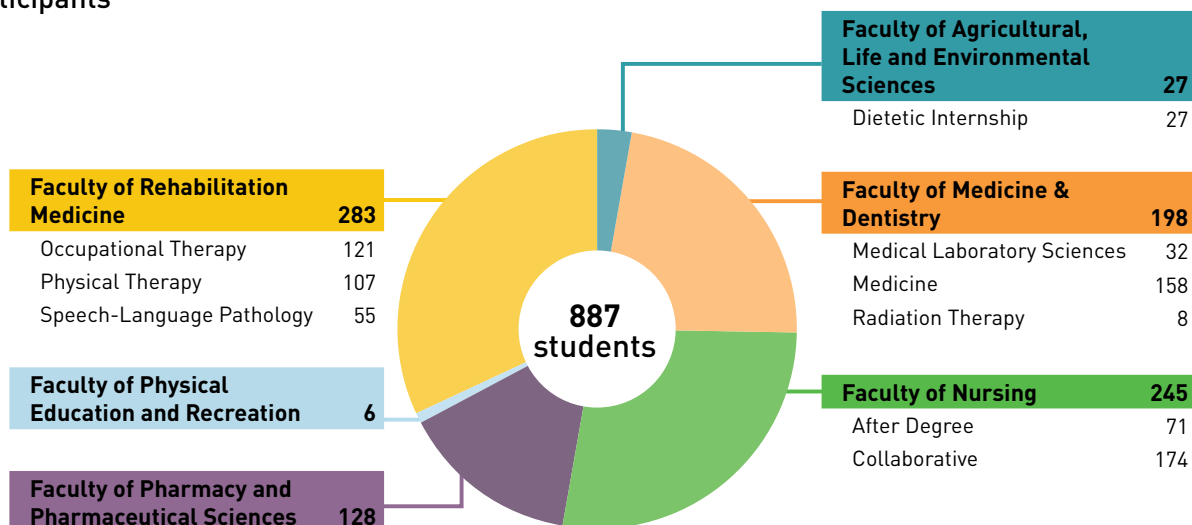
10
Community Facilitators

[Read the full infographic](#)

2. Interprofessional Health Team Development (INT D 410)

INT D 410 offers students the opportunity to develop the interprofessional team skills that will prepare them to meet the challenges of their future work environments. As a component of the Interprofessional Learning Pathway, INT D 410 enables students to develop core interprofessional competencies: Communication, Collaboration, Role Clarification, and Reflection.

Participants



Student numbers by Stream

Students were given the option of choosing a **specialized stream** to experience interprofessional health team development in a particular context.

Essentials of Collaborative Practice (ECP)

offered students the ability to spread the course across the fall and winter terms.

Bariatric Health Care	79
Immigrant and Refugee Health Care	35
Online/Distance Education	85
Palliative Care	106
Pediatric & Family Practice	113
Vulnerable Populations	51
Essentials of Collaborative Practice [ECP]	418

Quick Facts

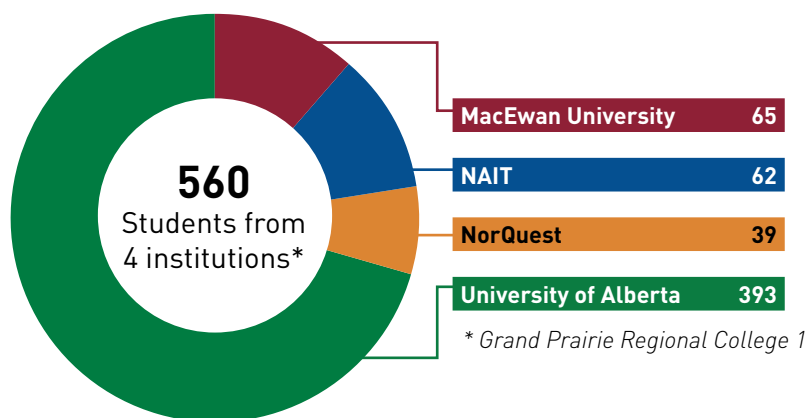
- **Fall Online Module:** The ECP students were joined by Dental Hygiene (41) and Dentistry (32) in a large-scale online discussion forum about hot topics and issues in the various professions. More than 30 facilitators from the faculties and the community participated.
- **Speaker Panels:** 469 students attended speaker panels held for their specialized streams. These sessions were organized by HSERC and involved 46 speakers.
- **Streetworks:** 541 students participated in a harm reduction workshop and simulation.

[Read the full infographic](#)

3. Help Save Stan

Help Save Stan is an annual event at which students participate in day of interprofessional health team simulations and learning scenarios in a safe, but realistic environment. Students work with peers from a variety of health care disciplines and institutions using their combined skills and interprofessional communication to ensure proper care and safety for their patients.

Participants



Attendance by Program

Community Support Worker	1	Nursing, Collaborative	80
Diagnostic Medical Sonographer	5	Nursing, Practical (LPN)	13
Health Care Aide	12	Nutrition	9
Hospital Unit Clerk	2	Occupational Therapy	48
Magnetic Resonance	1	Pharmacy	66
Medical Laboratory Assistant	9	Pharmacy Technician	7
Medical Laboratory Technologist	1	Physical Therapy	32
Medical Radiological Technologist (MRT)	2	Recreation Therapist	2
Medical Laboratory Science	6	Recreation Therapist Assistant	1
Medicine	83	Respiratory Therapy	44
Nursing	31	Social Work	9
Nursing, After Degree	31	Speech Language Pathology	25
Nursing, Bilingual	13	Therapist Assistant (OTA/PTA)	27

[Read the full infographic](#)

4. Essentials of Collaborative Practice (ECP)

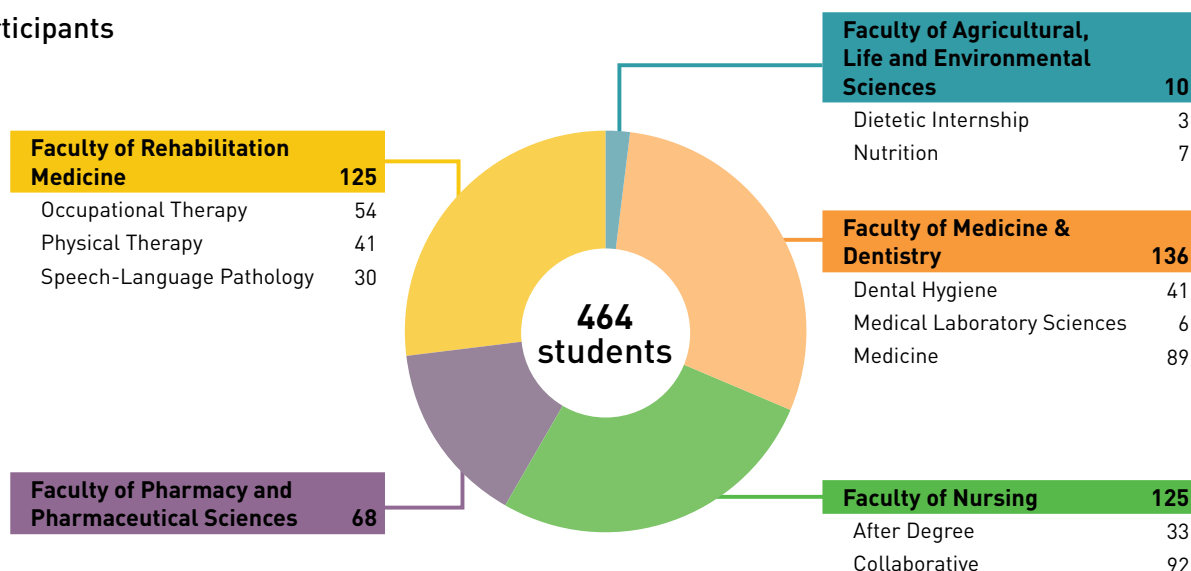
The ECP course provides foundational knowledge and skills for health science students to work collaboratively in professional practice. This fall, ECP students participated in an experiential learning session in either a simulation lab or community/clinical setting.

These experiences focused on one or more of the following:

- **Team communication:** Students observed clinical teams in action or participated in team communication scenario in the HSERC simulation lab.
- **Role clarification:** Students actively observed health care practitioners at work.
- **Team problem solving:** Following a simulated patient experience, students discussed implications for delivery of team care.

Facilitators debriefed each session with a focus on how learning applied to the students future health practice.

Participants



Who makes this possible?

- 39 INT D 410 course facilitators
- 12 community programs
- 11 Health Sciences Education and Research Commons' staff contributed to the planning, delivery, and/or debriefing

[Read the full infographic](#)

5. Evaluation and Educational Research Projects completed or under development

Evaluation Projects		
We engage in projects to evaluate the impact of the Interprofessional Learning Pathway across the 2-4 years of student programming. This longitudinal evaluation examines how all of the interprofessional experiences influence the development and application of collaborative practice competencies. These evaluations also assist with providing immediate feedback for making adjustments to the programming.		
Interprofessional Attitude Scale (IPAS)	What are the long-term attitudes of health science students to IPE/CP?	HSERC
Interprofessional Pathway Launch – student and facilitator surveys	What is the post reaction to the learning experience – students and facilitators	HSERC
Help Save Stan Student and Facilitator program evaluation	Help Save Stan is an inter-institutional partnership that plans and implements an interprofessional simulation day for students from across 4 post-secondary institutions. The two types of evaluations are used to examine impact of the event on students self-assessed learning and facilitator skill development in IPE and debriefing.	HSERC, MacEwan University, NAIT and NorQuest
Research Projects		
We conduct educational research to advance evidence for best practices in interprofessional health team education, health professional collaborative practice, and the use of technology to support and enhance teaching and learning.		
Taking the classroom to camp: The facilitators’ role in creating an impactful interprofessional experiential learning opportunity	This project was a case study of three facilitators involved with the Department of CSD’s Aphasia Camp perspectives of creating interprofessional experiential learning for their student volunteers at the camp.	HSERC, Departments of Communication Sciences and Disorders and Occupational Therapy
Intentional Interprofessional Shadowing	This project is examining the impact of intentional IP shadowing experiences integrated into single discipline curriculum.	HSERC and University of Texas at Austin

Progress Report: Building Capacity for Interprofessional Education

1. Professional and Faculty Development

We support faculty members and clinical instructors from all health sciences faculties integrating team competency development and/or simulation into student learning experiences by offering professional development opportunities.



2. Collaborating Across Borders Conference

Collaborating Across Borders (CAB) is North America's premier interprofessional health care education and collaborative practice conference. Building on the highly successful CAB Conference series (I, II, III, IV, and V), CAB VI linked educators, researchers, practitioners, students and patients from Canada and the United States in essential discussions around interprofessional health care education, practice, leadership and policy in North America.



4

Conference Themes

- Education
- Practice
- Leadership
- Policy



9

Countries

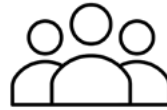
- Australia
- Canada
- New Zealand
- Saudi Arabia
- Singapore
- South Africa
- Spain
- United Kingdom
- United States



356

Presentations

- 49 Workshops
- 154 Oral presentations
- 122 Posters
- 24 Discussion Groups
- 7 Symposium Panels



614

Attendees

Local planning committee: University of Alberta

Gisele Gaudet-Amigo, JoAnne Davies*, Louisa Fricker*, Sherry Eklund, Sharla King*, Melanie Garrison*, Lili Liu, Bernadette (Bernie) Martin, Laura O'Connor, Steven Patterson, Karen Peterson, Lisa Purdy, Cheryl Sadowski*, Ravina Sanghera, Susan Sommerfeldt*, Liz Taylor*, Dean Zaragoza

*Presented at CAB VI



CAB VI was a joint collaboration between American Interprofessional Health Collaborative, Canadian Interprofessional Health Collaboration and the University of Alberta's Health Science Council.

[Read the full infographic](#)

Sponsors

Titanium

- The Josiah Macy Jr. Foundation

Platinum

- University of Washington - Train-the-Trainer (T3)

Gold

- American Occupational Therapy Association Inc.
- College of Licensed Practical Nurses of Alberta
- Interprofessional Education Collaborative
- Neehr Perfect
- Western University of Health Sciences

Silver

- American Association of Colleges of Osteopathic Medicine
- American Physical Therapy Association
- American Speech-Language-Hearing Association
- Association of Schools of Allied Health Professions
- Association of Schools and Colleges of Optometry
- College of Hearing and Practitioners of Alberta
- Jefferson - Centre for InterProfessional Education
- Rosalind Franklin University of Medicine and Science
- University of Alberta - Faculty of Education
- University of Southern Indiana - College of Nursing and Health Profes
- University of Toronto - Centre for Interprofessional Education
- Virginia's Blue Ridge

Bronze

- College & Association of Registered Nurses of Alberta
- Dalhousie University - Faculty of Dentistry
- University of British Columbia - UBC Health

Lanyard

- Loyola University - Institute For Transformative Interprofessional Education

INTERDISCIPLINARY RESEARCH REPORT

GOAL: Develop a culture of interdisciplinary research

Progress Report: Building Capacity for Interdisciplinary Research

1. Discovery Mall Interdisciplinary Research Incubator Space

The Discovery Mall is a key feature of the Edmonton Clinic Health Academy. This entire space, 2500m², was purpose built to support interdisciplinary research teams. Flexible spaces are easily adapted to meet the changing need of team research. With demountable walls, adjustable furnishings and a free address system, the Discovery Mall provides prime space for team work. We manage 800m² of this dedicated space to support interdisciplinary and cross-sector health research within and across all faculties.

BARIATRIC CARE AND REHABILITATION RESEARCH GROUP (BCRRG)

BCRRG is a multidisciplinary research collaboration focused on improving the care and rehabilitation outcomes of patients with obesity. We aim to reduce the disability experienced by persons living with obesity; improve the quality of care patients with obesity receive; and reduce the burden of obesity on the health-care system. We do this by bringing together researchers, clinicians and decision makers, and working in partnership with individuals living with obesity.



UAlberta Faculties represented:

Arts, Rehabilitation Medicine, Medicine, Nursing



Community / Industry partners:

Diabetes Obesity & Nutrition Strategic Clinical Network, Bone & Joint Health Strategic Clinical Network, Westech Health Care, Obesity Canada



No. of Trainees/ Students:

5 trainees/ students



Capacity building initiatives:

Bariatric care workshops and safe patient handling training resources



Team funding:

\$58K

CHILDREN'S ENVIRONMENTAL HEALTH CLINIC (ChEHC)

ChEHC is a unique program addressing the impacts on children's health from environmental exposures (chemical, biological, physical and social). The program considers all environmental factors to assess exposures, by integrating clinical, research and educational components.



UAlberta Faculties represented:

Medicine & Dentistry, Science



Community / Industry partners:

APHP, Health Canada, ChEHC Advisory Board



No. of Trainees/ Students:

10 trainees/ students

CHILDREN'S ENVIRONMENTAL HEALTH CLINIC (ChEHC)



Team funding:

\$951K



Scholarly output:

8 peer reviewed publications

8 conference abstracts

29 invited presentations

COMMUNITY-UNIVERSITY PARTNERSHIP FOR THE STUDY OF CHILDREN, YOUTH AND FAMILIES (CUP)

The Community-University Partnership for the Study of Children, Youth, and Families is a unique collaboration among the University of Alberta, community agencies, and organizations in and around Edmonton and across Alberta. We are committed to improving the development of children, youth, families and communities by creating or mobilizing evidence-based knowledge that impacts programs and policies



UAlberta Faculties represented:

Extension, Arts, Pharmacy and Pharmaceutical Sciences, School of Public Health, Education, Medicine & Dentistry, Nursing, and Agricultural, Life & Environmental Sciences



Community / Industry partners:

Stollery Children's Hospital, UEval, Evaluation Capacity Network, ENRICH Team (Multicultural Health Brokers Cooperative), and EndPovertyEdmonton team



No. of Trainees/ Students:

4 trainees/ students



Team funding:

\$2.5M



Capacity building initiatives:

Patient/Community Engagement Training (PaCET) Program



Scholarly output:

5 peer reviewed publications

2 invited presentations

2 published reports



Media:

CBC Edmonton. (2017, July). City hall photo exhibit aims to break stereotypes of teens parents. Available at: <https://www.cbc.ca/news/canada/edmonton/photo-voice-exhibit-teen-mothers-1.4224748>

Faculty of Extension. (2017, July). <https://www.ualberta.ca/extension/information/news/2017/july/research-project-gives-teen-parents-a-voice> Available at: Edmonton Journal (June 2017)

Program aims to tackle high rates of food insecurity in African community in Edmonton. Available at <https://edmontonjournal.com/news/local-news/program-aims-to-tackle-high-rates-of-food-insecurity-in-african-community>

EDMONTON CARDIOLOGY ONCOLOGY RESEARCH (ENCORE)

The ENCORE program aims to prevent diagnose and treat the cardiotoxic effects of cancer therapies.



UAlberta Faculties represented:

Medicine & Dentistry, Nursing, Kinesiology, and Agricultural, Life & Environmental Sciences



No. of Trainees/ Students:

12 trainees/ students



Team funding:

\$1.2M



Scholarly output:

11 peer reviewed publications

6 conference abstracts

3 invited presentations



Media:

“Modifying exercise during chemotherapy / protecting against cardiotoxicity”, Research in Exercise and Cancer Health (REACH) Podcast 60-minute interview, Oct 2017: <https://www.reachbeyondcancer.com/podcast?offset=1507239617571> (also available on iTunes)

“CTV Edmonton: Protecting cancer patients’ hearts”, University of Alberta Faculty of Medicine & Dentistry ‘FoMD in the News’ Sep 2017 newsletter top story: <https://www.ualberta.ca/medicine/news/2017/september/fomd-in-the-news>

“Protecting cancer patient’s hearts”, CTV Edmonton’s health correspondent Carmen Leibel reported on my CREATE study, aired Aug 30, 2017 during CTV news, and also promoted on CTV’s Twitter and Facebook accounts: <http://www.ctvnews.ca/video?clipId=1198427>

“Can heart damage from chemotherapy be prevented through exercise and diet?”, University of Alberta Faculty of Medicine & Dentistry website feature story, August 30, 2017: <https://www.ualberta.ca/medicine/news/2017/august/can-heart-damage-from-chemotherapy-be-prevented-through-exercise-and-diet>

2017/05/29 Database aims to personalize chemotherapy and reduce long-term heart risks. <https://www.folio.ca/database-aims-to-personalize-chemotherapy-and-reduce-long-term-heart-risks>

INSTITUTE FOR CONTINUING CARE EDUCATION & RESEARCH (ICCER)

The institute for Continuing Care Education and Research (ICCER) is a network of post-secondary institutions, continuing care provider organizations, and regulatory bodies collaborating to improve continuing care in Alberta.



UAlberta Faculties represented:

Rehabilitation Medicine; Medicine & Dentistry; Nursing; Agricultural Life and Environmental Sciences, Augustana; Kinesiology, Sport and Recreation



Community / Industry Partners:

Bow Valley College, Keyano College, NorQuest College, Bethany Care Society, CapitalCare, Carewest, Excel Society, Extendicare, Good Samaritan Society, Lifestyle Options, Shepherd’s Care Foundation, Sherwood Care, St. Michael’s Health Group, Wing Kei Nursing Home Association, College of Licensed Practical Nurses of Alberta, and others.

INSTITUTE FOR CONTINUING CARE EDUCATION & RESEARCH (ICCR)

**No. of Trainees/ Students:**

Variable trainees/ students

**Team Funding:**

\$700K

**Capacity building initiatives:**

Institute for Continuing Care Education & Research workshop

Communication Tools to Enhance Care Workshop

Falls Prevention in Continuing Care and the Community workshop

Importance of Communication in Person-Centred Care workshop

Influences on Person-Centred Care: Teamwork & Policy workshop

Making the Most of Mealtimes workshops

**Scholarly output:**

5 conference abstracts/panel discussions

1 panel discussion (CLCan Conference)

**Media:**

www.iccer.ca

SyMBIOTA

The SyMBIOTA program aims to investigate pre- and postnatal influences on infant gut microbiota and their connection the development of allergic disease in childhood using data and fecal samples of 2,500 infants collected from the CHILD (Canadian Healthy Infant Longitudinal Development) pregnancy cohort study. The research team involves multidisciplinary investigators and trainees from across Canada.

**UAlberta Faculties represented:**

Medicine & Dentistry, and School of Public Health

**No. of Trainees/ Students:**

7 trainees/ students

**Team funding:**

\$280K

**Scholarly output:**

7 peer reviewed publications

2 book chapters

14 conference abstracts

10 presentations

**Media:**

<https://allergen-nce.ca/research/symbiota/media-coverage/>

POSITIONING & STAKEHOLDER ENGAGEMENT REPORT

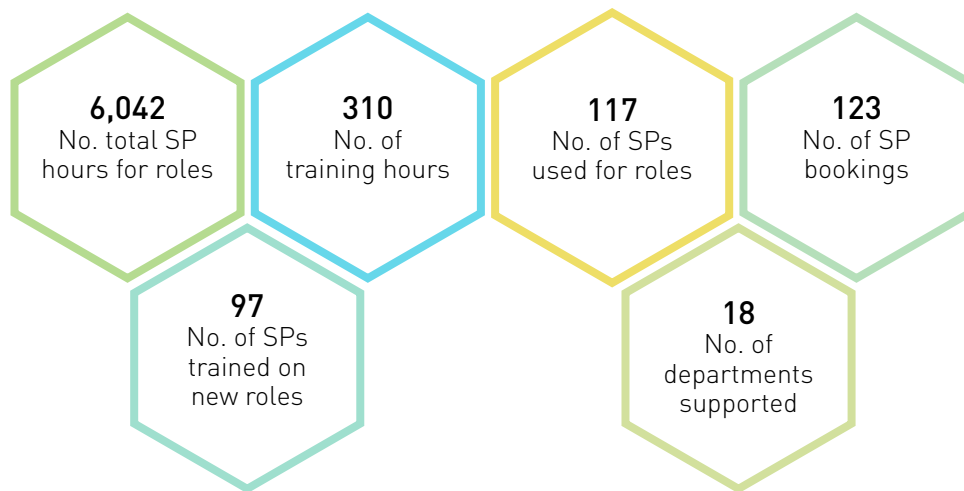
GOAL: We continued efforts to reposition the Health Sciences Council as a collective entity that

- Aligns strategies of the HS faculties while allowing each to maintain independence
- Collectively supports initiatives and makes recommendations to the Provost
- Actively advocates and seeks opportunities for HSC within Alberta Health Services, Covenant Health, Alberta Health, and the Academic Health Network with regards to educational, clinical, or research based initiatives
- Communicates the Council's Mission, Vision, and Strategic Goals and furthers the engagement of Health Sciences Council operations and the health sciences faculties in a focused, collaborative way

Progress Report: Engage Health Sciences Faculties through the provision of value added services

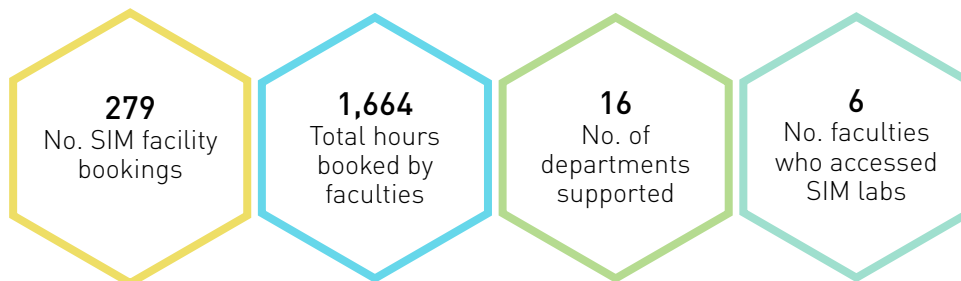
1. The Standardized Patient Program

Our Standardized Patient Program provides trained standardized patients for educational programs across all faculties.



2. Event Services and Support

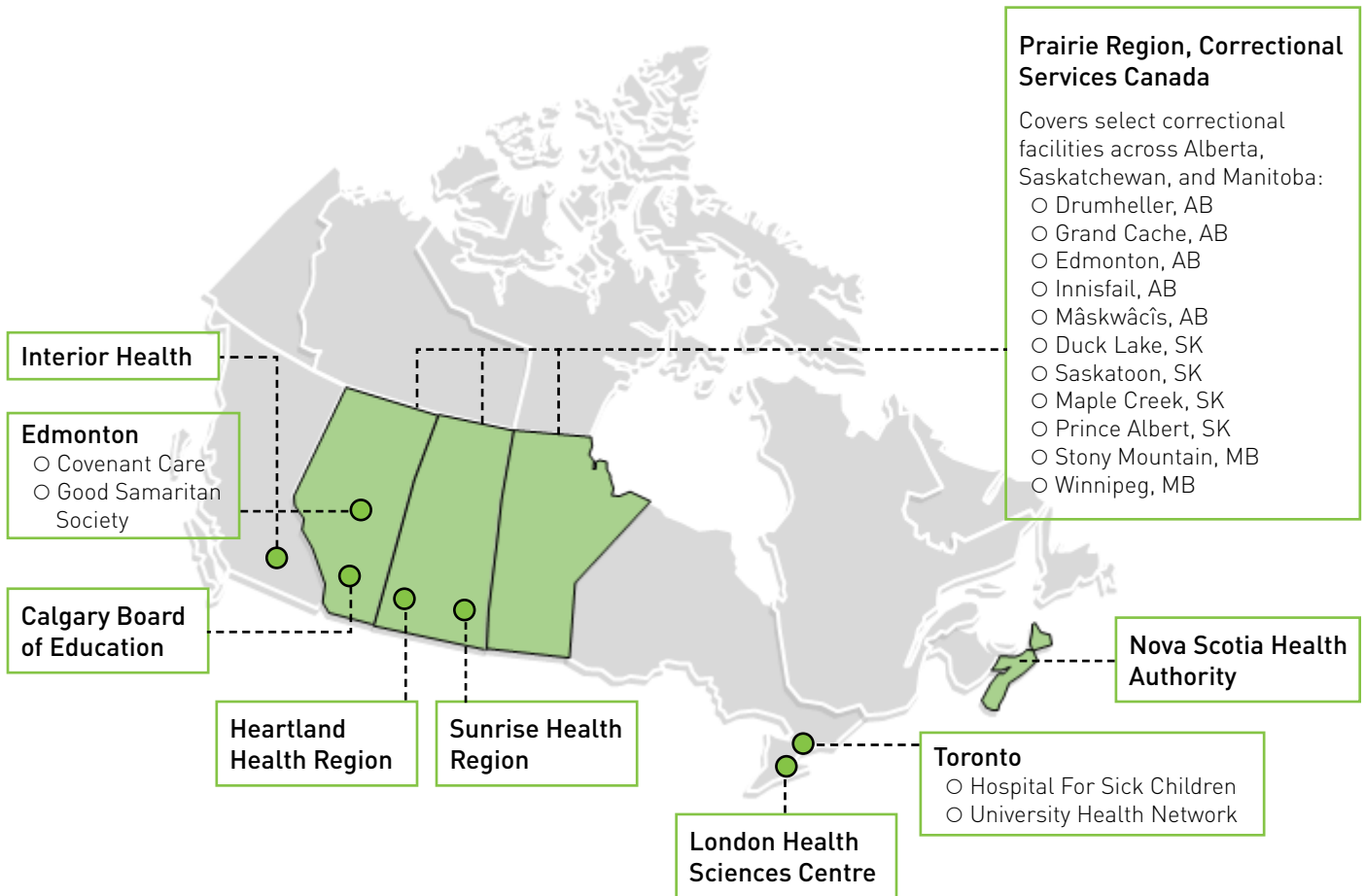
We provide Event Services and Support to faculties and programs who access the 1400 m² of HSERC Simulation Labs for simulation-based teaching, learning and research.



3. Coordinate Multi-Faculty Student Placement Matters

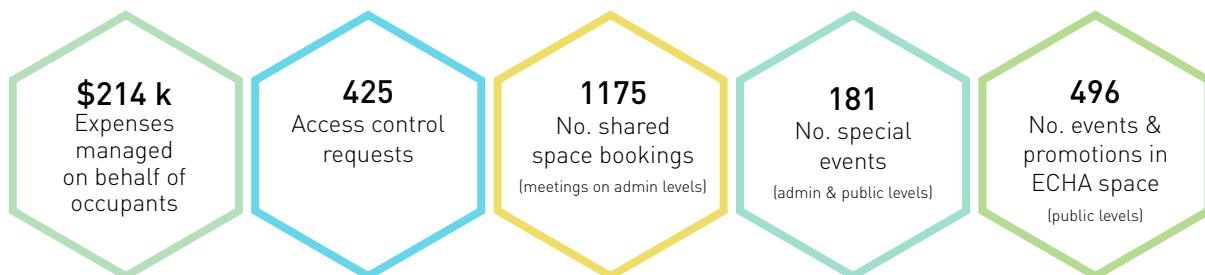
We continue to manage multi-faculty student placement agreements with health authorities, hospitals, and other public service organizations and institutions across Canada in order to create diverse experiential learning opportunities for health sciences students.

In 2017-18 we established the following new student placement agreements across Canada:



4. Edmonton Clinic Health Academy Administration Office

We provide centralized, coordinated administrative services intended to create efficiencies and realize economies for all ECHA occupant groups.



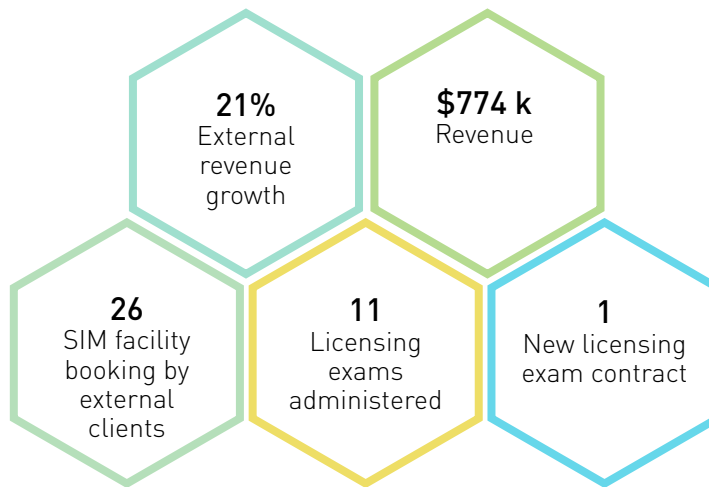
SUSTAINABILITY REPORT

GOAL: Maximize operational efficiencies; grow existing revenue streams; and generate novel funding/revenue streams to sustain operations over the long term.

Progress Report: Business Development & Revenue Generation

1. Grow Existing External Revenue Streams and Develop New Corporate, Government, and Institutional Clients

We continue to subsidize operational costs related to pursuing our academic mandate and providing value add supports to Health Sciences Faculties with revenue generated through external business development activities.



Progress Report: Develop other sources of funding

1. Build Sponsorship into Relevant HSC Events

We actively pursue sponsorship for events delivered in each of our strategic focus areas.



Financials

Funding

Cost Recovery \$659,276:

- Interprofessional Education
- Edmonton Clinic Health Academy Shared Administration
- Standardized Patient Program & Event Services and Support

Flex (2017/18) \$547,141

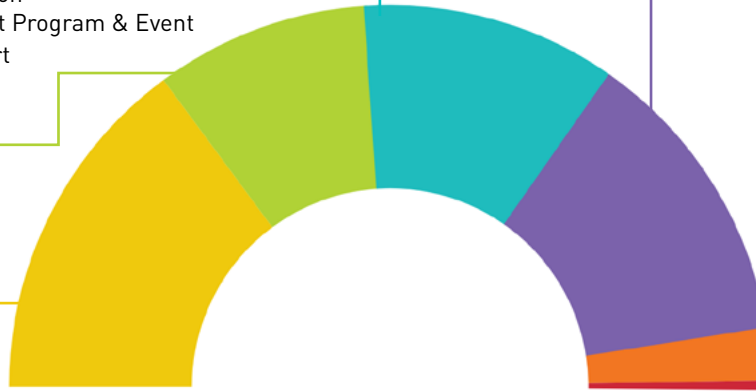
Office of the Provost & Vice President Academic \$893,848

Business Development \$774,403

Special Allocated \$132,672:

- Indigenous Health
- SHINE Youth Clinic
- Institute for Continuing Care Education and Research

Grants and Donations \$22,889



Expenses

Salaries & Benefits \$1,664,352

Operating Costs \$1,369,959:

- Interprofessional Education Programming
- Edmonton Clinic Health Academy Shared Administration
- Sustainability Initiatives
- Miscellaneous Costs

