



ATSSL

Annual Report 2018-19



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2018-19 HIGHLIGHTS

723
Sessions

16,777
Learner
Encounters

2,622
Session Hours

3,284
Staff Hours

11
Staff

\$1,285,230
Operating
Budget

ABOUT THE ATSSL

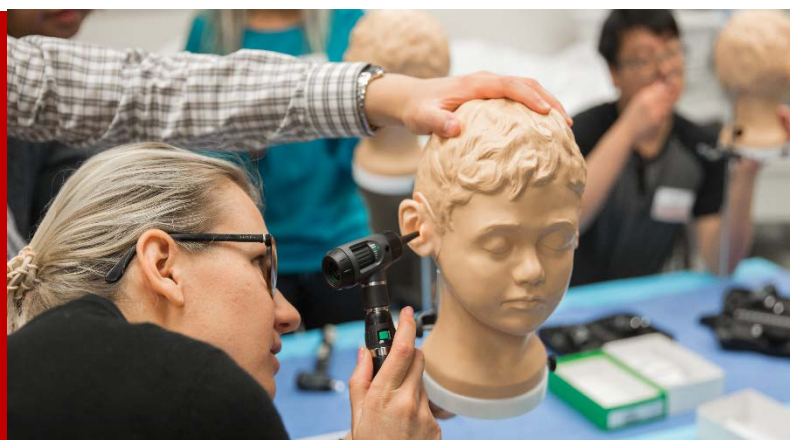
The ATSSL opened in 2014, and offers a full complement of simulation modalities from human and cadaveric tissue procedural skills to theater-based simulation for all learners in pre-licensure and licensed health professional education in the University of Calgary (UC) and Alberta Health Services (AHS). This includes medical students, postgraduate medical residents, practicing physicians, nursing students, nurses, and allied health professionals.

The facility is comprised of three separate labs: the Surgical Skills Simulation Laboratory (SSL), the Clinical Skills Simulation Laboratory (CSL), and the Special Procedures Laboratory (SPL). The 30,000+ square foot, state-of-the-art facility, can accommodate small and large groups of learners simultaneously, in parallel streams.

The ATSSL fulfills its commitment to provide innovative and interdisciplinary simulation-based medical education, while improving outcomes of patient safety and quality of care. This is achieved by working with education and quality improvement partners in the UC Cumming School of Medicine (CSM) and AHS to develop longitudinal curricula and address identified training priorities. The focus is on skills and knowledge acquisition, interprofessional training and team work, and a better understanding of patient safety threats, which results in more effective, confident, and safe medical and surgical professionals. ATSSL operations are integral to the CSM Mission of “Creating the Future of Health”.

VISION

To be a global leader in innovative simulated education and assessment for health professionals to improve patient outcomes.



MISSION

The ATSSL aspires to a healthier future by providing an innovative and safe environment for healthcare professionals to learn and master skills. The ATSSL, through simulation, strives to capture knowledge, attitudes, skills and behavior required to enhance and support patient safety.

VALUES

Innovation
Excellence
Collaboration
Learning
Integrity



GOVERNANCE & ORGANIZATIONAL STRUCTURE

The ATSSL is governed by the Executive Steering Committee which is jointly accountable to the Cumming School of Medicine (CSM) and Alberta Health Services (AHS) eSIM. Responsibilities include all strategic, operational, and financial plans.

The ATSSL is co-led by Medical Director, Dr. Marcia Clark, and Mark Allen, Director South – eSIM & Process Improvement, AHS. These positions report to the Dean's designate (CSM) and the VP Quality and Chief Medical Officer (AHS) respectively. The Operations Manager, George Mulvey, reports to the CSM Senior Associate Dean Education, Dr. Beverly Adams, and is accountable to the Director of eSIM South.

Executive Steering Committee*

Dr. Beverly Adams, Senior Assoc Dean Education, CSM

Rose Yu, Senior Director, CSM

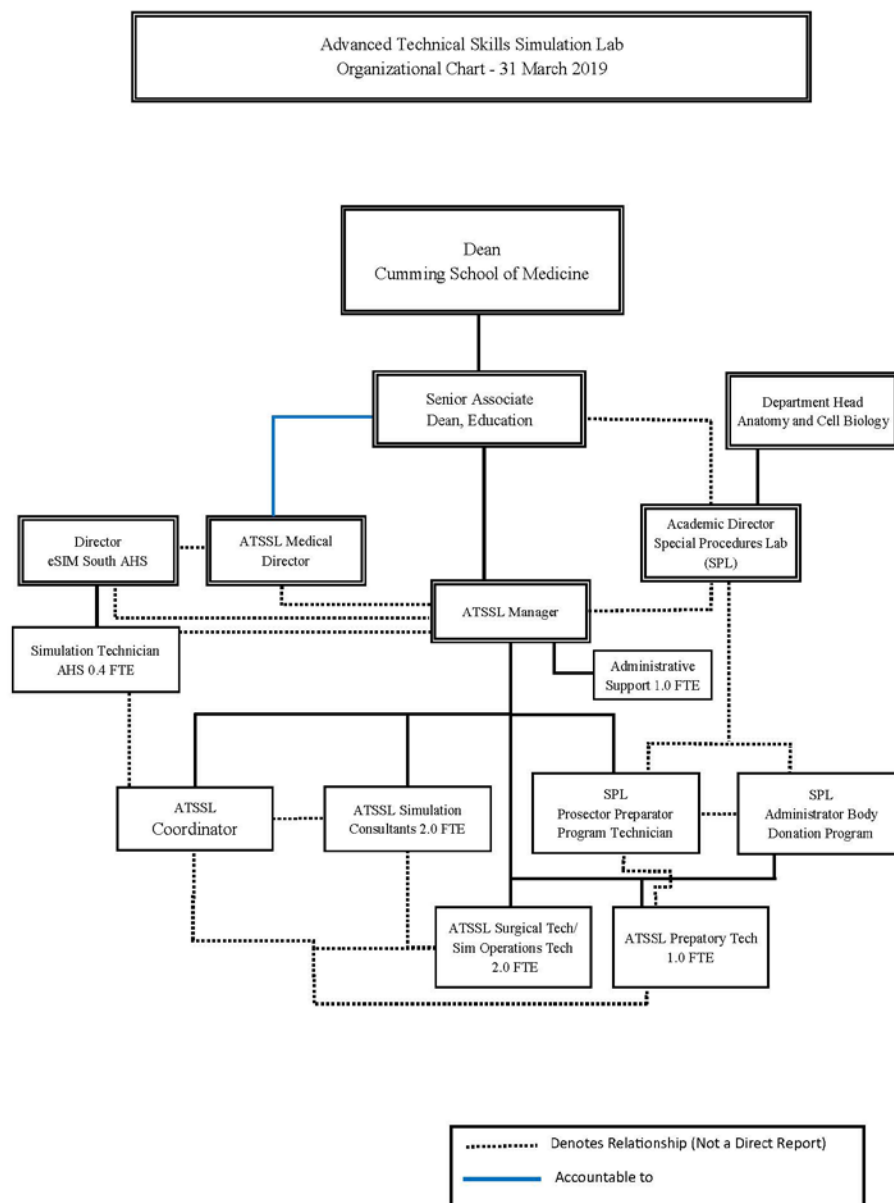
Dr. Marcia Clark, Medical Director, ATSSL

Mark Allen, Director South – eSIM & Process Improvement, AHS

Dr. Heather Jamniczky, Academic Director, SPL

George Mulvey, Operations Manager, ATSSL

* as of March 31, 2019



ATSSL TEAM

MEDICAL DIRECTOR (since 2015)

Dr. Marcia Clark holds a UC clinical faculty appointment and is a member of the AHS medical staff. She is the Vice-Chair of Surgical Foundations at the Royal College of Physicians and Surgeons of Canada (RCPSC) helping to frame and implement Competency Based Medical Education in Surgery across Canada.

Special interests: Medical care to several competitive athletic teams, including the Canadian Alpine Ski Team.

OPERATIONS MANAGER (since 2014)

George Mulvey is responsible for overseeing all aspects of ATSSL including managing the human and physical resources, operational planning, financial management and reporting, compliance with Occupational Health and Safety, Biosafety and Medicolegal Standards, as well as monitoring, summarizing and communicating operations of the ATSSL with stakeholders.

Special interests: Organizational behaviour and the outdoors.

COORDINATOR (since 2014)

Heather Hill schedules, coordinates, oversees the preparation of, and manages the execution of activities in the laboratories. She collaboratively facilitates the design of simulation experiences to provide positive outcomes in patient safety, quality improvement, and cost containment. She has created unique training models, consistently used to develop learners' procedural skill mastery.

Special interests: Business and entrepreneurship.

SIMULATION CONSULTANT (since 2015)

Irina Charania practiced as a Registered Respiratory Therapist at Foothills Medical Centre before joining the ATSSL. She provides clinical and academic leadership to the simulation program; coordinates, develops, prepares and executes simulation activities. She offers expertise in the field of interprofessional and interdisciplinary medical education.

Special interests: Neuropsychology and teamwork training.

SIMULATION CONSULTANT (since 2016)

Michèle Cowan provides technology support to facilitate communication and optimize processes for data management. She collaborated on national and international educational projects to facilitate the development of quality medical referral education and modified objective-based clinical examinations.

Special interests: Curling, virtual reality and big data.

SIMULATION TECHNICIAN (since 2014)

Stephanie Jaunin oversees the operational design, policies, planning and support for the SSL. She upholds the day-to-day setup, maintenance and repair of the facility. She has developed and created new simulation models, often hybridizing cadaveric animal tissues with dry models to improve fidelity.

Special interests: Personal fitness and animal well-being.

SIMULATION TECHNICIAN (since 2018)

Sarah Kabalan administers the daily activities of the CSL. She prepares high fidelity manikins and multiple task trainers for simulation-based educational sessions.

Special interests: Speech pathology and health.

TECHNICAL CONSULTANT (since 2013)

Dan Dupperon provides direct technical support and expert counsel on all aspects of maintenance, technology and programming of components or interfaces used to support simulation-based education and equipment.

Special interests: Travel and adventure.

SENIOR PROSECTOR (since 2016)

Jolene McLeod primarily prepares cadaveric demonstration material to support the anatomy component of the UME program. She further develops material to sustain educational research initiatives and to supplement anatomical teaching for various residency user groups. She actively participates in the day-to-day operations of the SPL.

BODY DONATION PROGRAM ADMINISTRATOR (since 2017)

John Kornelson provides professional administration of the CSM Body Donation Program and organizes the internment ceremony every two years. He handles donated cadaveric specimens for the purposes of embalming and preparing for use in medical educational programs.

ADMINISTRATIVE ASSISTANT (since 2017)

Sarah Fleming coordinates the administrative and reception functions of the ATSSL. She provides primary administrative support for the ATSSL Manager and Medical Director, and some additional administrative support to the Body Donation Program. She also assists with lab equipment setup and transport.

FINANCIAL REPORT

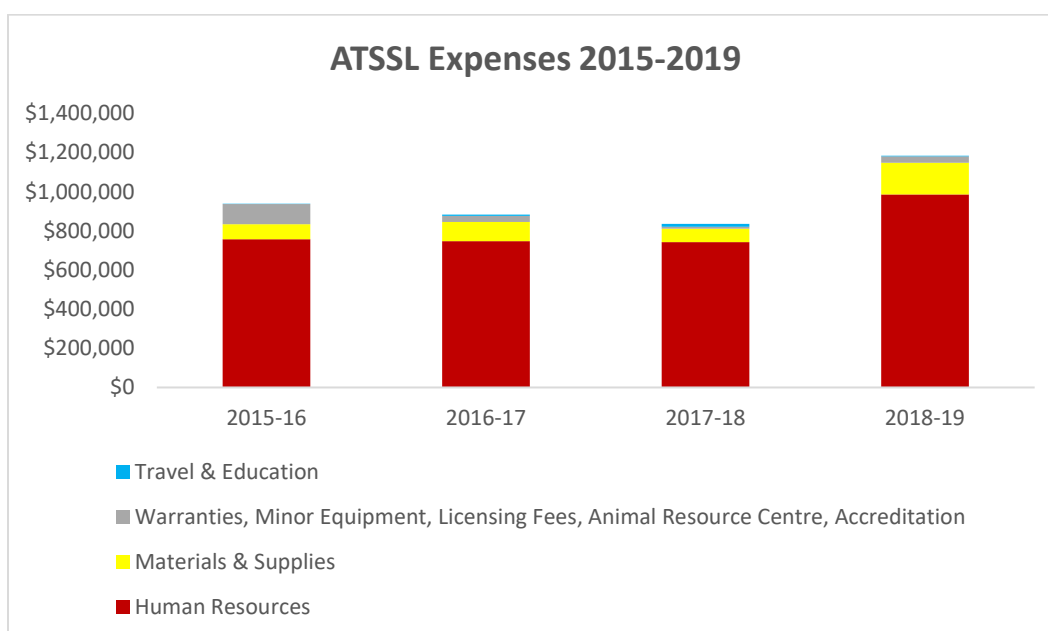
The ATSSL is jointly funded by the UC and AHS, each providing \$300,000 for a total of \$600,000 per annum. In 2018-19, the Special Procedures Lab was amalgamated with ATSSL with an existing annual budget of \$278,251 which was administered by ATSSL*. Therefore, the total 2018-19 operating budget was \$1,185,230 with the remaining \$306,979 provided through external revenue generated by the ATSSL. Funds are utilized for staffing, equipment, materials supplies, warranties and preventive maintenance.

Learners from the core educational programs at UC including Undergraduate Medical Education (UME), Postgraduate Medical Education (PGME), Bachelor of Health Sciences (BHSc), Graduate Science Education (GSE), as well as members of AHS clinical departments and programs are classified as 'internal users' and are not charged for access to the ATSSL. Internal users however are charged for supplies, and disposable and limited use items such as the lumbar puncture simulator replacement skins. Learners identified as external and industry clients are charged on a cost recovery basis, under a fee structure determined by the ATSSL Executive Steering Committee. External revenue is not reflected in the annual operating statement, but is retained in separate UC project accounts and used to support additional equipment maintenance/refurbishment and replacement and educational opportunities, including conference travel for staff.

Expenses have remained stable over the past four fiscal years, with 2018-19 increases in Human Resources and Materials & Supplies primarily due to the amalgamation of the Special Procedures Lab into the ATSSL operations.

UCalgary Funding \$578,251*		EXPENSES	
		Human Resources	\$ 986,053
AHS Funding \$300,000		Materials & Supplies	\$ 162,929
		Warranties/Preventative Maintenance	\$ 8,360
		Minor Equipment	\$ 8,890
		HS Animal Resource Centre	\$ 8,753
		Licensing Fees	\$ 4,600
		Royal College Accreditation	\$ 2,495
ATSSL External Revenue \$306,979		Travel & Education	\$ 3,150
		TOTAL 2018-19 EXPENSES	\$1,185,230

*As of 2018-19, UCalgary funding includes \$278,251 for the Special Procedures Laboratory



ATSSL FACILITIES

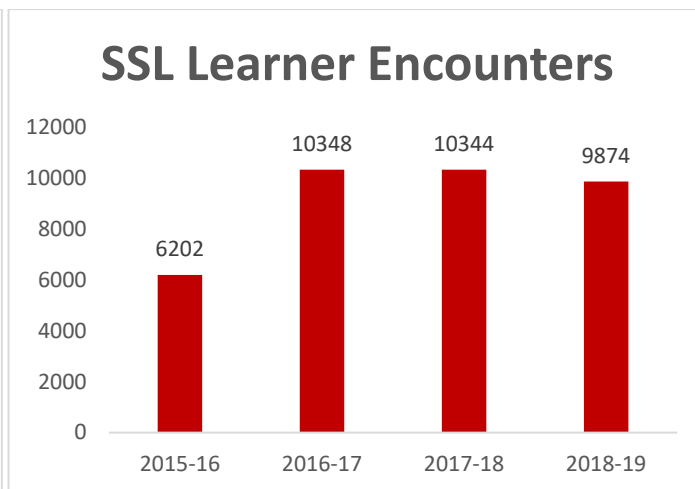
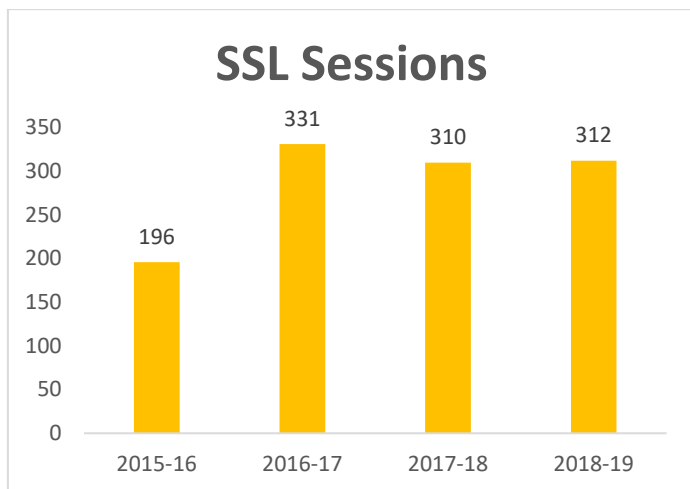
The ATSSL facilities are located in two connected buildings on the UC Foothills Campus: the SSL is in the Health Research Innovation Centre and the CSL and SPL are in the Health Sciences Centre. The ATSSL has two dedicated classrooms in the SSL area, capable of accommodating up to 30 learners each. Each classroom features: wireless internet access, lecture podium with laptop connections, LCD projector and in-ceiling speakers, videoconference capability, and remote viewing of SSL area.

SURGICAL SKILLS SIMULATION LABORATORY (SSL)

The SSL is a state-of-the-art facility where a variety of surgical skills are practiced by a diverse group of medical health professionals. The space includes simulated operating room stations fully equipped with scrub sinks, surgical beds and tables, overhead OR lighting, dual LED monitors and ceiling supply units. There are stations outfitted with in-light cameras that allow real-time imaging to be remotely displayed. The SSL is equipped with a fully functional reprocessing area to clean and sterilize instruments on site. The laboratory is multifunctional and offers multi-configurations to accommodate different groups.



In 2018-19, the SSL hosted **312 sessions** comprised of **9,874 learners**. These totals are comparable to the past two years. The majority (70%) of learners were from UME, followed by PGME (13%), other UC learners (9%), and AHS and other external learners (8%). The **1,347 session hours** required **1,506 hours in staff time** for session design, preparation, implementation and facilitation.



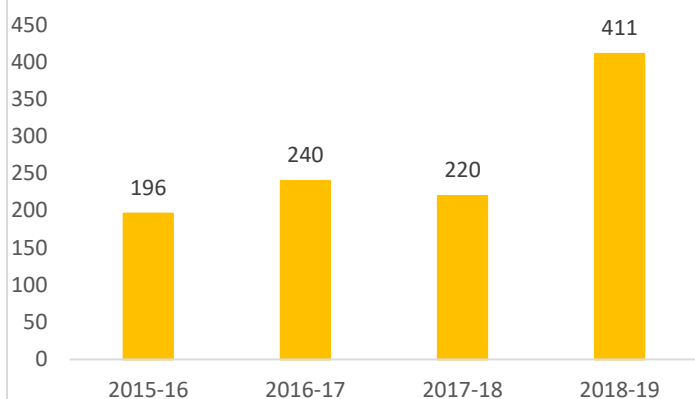
CLINICAL SKILLS SIMULATION LABORATORY (CSL)



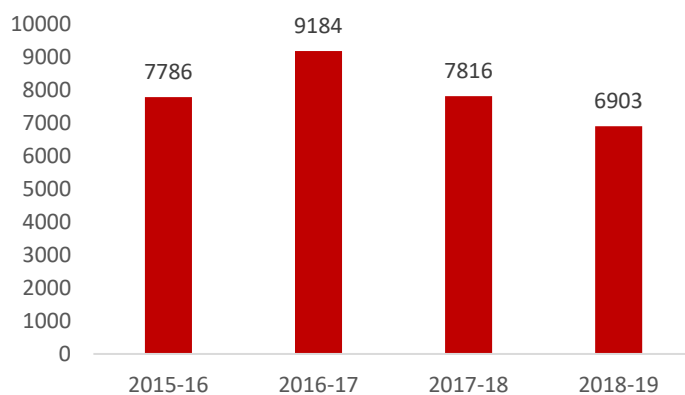
The CSL is a multi-disciplinary, modular, medical simulation facility where learners use simulators to enhance technical skills, patient safety and learner safety. Simulators are tools that include a variety of task trainers, computerized manikins, and standardized patients. The CSL has the capacity to accommodate 160 learners at any one time, allowing for numerous groups to work independently within functional spaces permitting private debriefing or conference-like presentations.

In 2018-19, the CSL hosted **411 sessions** comprised of **6,903 learners**. The increase in sessions and drop in learners is due to a change in data management processes. The majority (59%) of learners were from UME, followed by PGME (24%), other UC learners (6%), and AHS and other external learners (11%). The **1,275 session hours** required **1,778 hours in staff time** for session design, preparation, implementation and facilitation.

CSL Sessions



CSL Learner Encounters



SPECIAL PROCEDURES LABORATORY (SPL)

In 2018-19, SPL amalgamated with the ATSSL. ATSSL took on the responsibilities of all operations including management of current and additional employees. The development of standardized operating procedures are ongoing and require considerable collaborative efforts.

The SPL is a specialty lab that provides a facility to prepare anatomical specimens with a primary focus being medical education in the structure and function of the human body. The lab stores and maintains the human cadaveric resources that are preserved and/or embalmed. These resources supplement anatomical teaching for UME, primarily, and various residency user groups. Additionally, the materials sustain educational research initiatives.

At times, the ATSSL provides selective access to the SPL to host gross anatomy teaching sessions for staff, residents and medical students.

CUMMING SCHOOL OF MEDICINE BODY DONATION PROGRAM

The learning experiences in the Special Procedures Laboratory can only occur due to the generosity of the individuals and their families who have donated their bodies. The Cumming School of Medicine Body Donation Program coordinates the acceptance and preparation of donated bodies for the purposes of medical education. The generosity of Albertans wishing to leave a legacy following their death through the donation of their bodies is greatly appreciated and contributes to the education and ongoing professional development of physicians, nurses and allied healthcare practitioners. All bodies are treated with the utmost respect and appreciation.

The program accepts 60-70 donors each year, and there are approximately 10,000 registered with the program who have indicated an intent to donate.

Every two years, the Cumming School of Medicine organizes a graveside commemorative service for the family members and friends of those who have chosen to donate their bodies for medical study. The location of the burial site for the cremated remains is located in Queen's Park Cemetery.

<https://www.ucalgary.ca/bodydonation/>

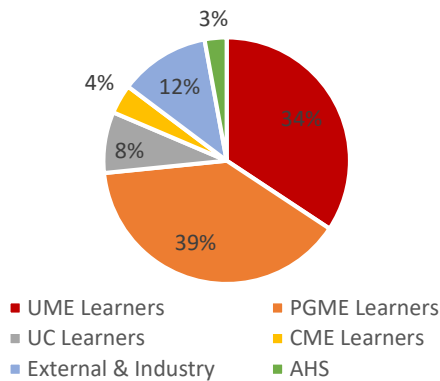
USER EXPERIENCE

USAGE BY PROGRAM

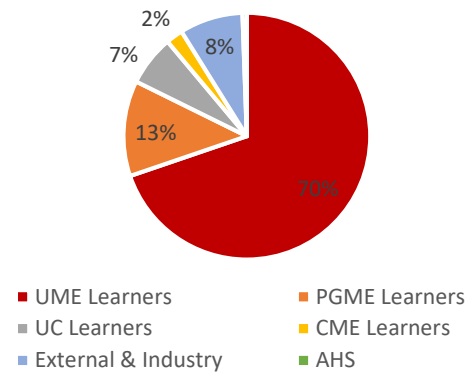
The ATSSL hosted a total of 723 sessions across the SSL (43%) and CSL (57%) in 2018-19. This included 16,777 learner encounters (59% in the SSL, 41% in the CSL).

The majority of the sessions and learning encounters were from the UME and PGME programs. The number of sessions for each program are comparable between the SSL (UME = 107, PGME = 122) and CSL (UME = 179, PGME = 148), however UME accounts for 65% of the total ATSSL learner encounters vs. 17% for PGME, due in part to the large class size (up to 165) in each UME session.

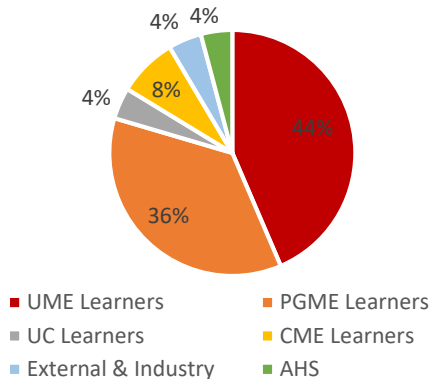
SSL Sessions



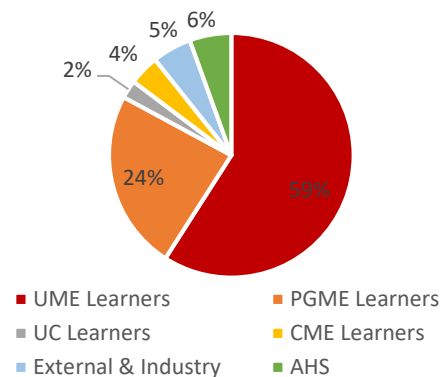
SSL Learner Encounters



CSL Sessions



CSL Learner Encounters



Other users of the labs include CSM programs such as Continuing Medical Education & Professional Development, Bachelor of Health Sciences, Office of Faculty Development, Indigenous Health Program, and the Alberta International Medical Graduates program. Users external to the CSM include UC Faculty of Nursing, Faculty of Veterinary Medicine, Trauma Association of Canada, Mount Royal University, Makami College, as well as industry.

For every 1 hour of active lab session time, approximately 2 hours of ATSSL operating staff hours are required to ensure quality of design, preparation, implementation and facilitation of sessions are continuously upheld to assure alignment with the ATSSL's Vision and Mission. The resource requirements for the research planning, development and evaluation of activities/sessions in the ATSSL are not aggregated into the activity report hours.

USER FEEDBACK

Learners are the reason the ATSSL exists, and their feedback is integral to continuous quality improvement. A group of users (14) were surveyed for their input into this report, and six responded, providing extensive and overwhelmingly positive comments regarding the staff, operations, and the educational opportunities provided.

User groups indicated that traditional classroom environments limit the ability to teach teamwork skills, and that the ATSSL is able to fill this need by offering learning opportunities to reveal teamwork competencies, observe collaboration between students, and engage students in reflective practice through structured post-simulation debrief sessions. One program noted that “the training environment provides sufficient realism that learners may engage in scenarios and reflect in a safe environment” with a focus on “social reflection, deliberate practice and psychological safety”. Another user stated that the ATSSL provides knowledge, equipment and facilities that the program does not have.

“Students love engaging in simulations, as it is fun, hands-on, and allows them to actively practice their decision-making and teamwork skills, rather than just talking about it. In our course, simulations in ATSSL are one of the highest-rated educational sessions in the end-of-course evaluations.”

UME Course Chair

“The specialized facilities located within the CSM make it a one-stop-shop for our orientation. We value the knowledge and enthusiasm of the ATSSL staff, along with their ability to engage with our participants and facilitate meaningful conversations and learning.”

AIMG Program

The Alberta International Medical Graduates (AIMG) program shared results from recent learner evaluations which indicated that 97% “agreed that the format of the simulation was effective and recommended that this session be retained for the future” and 100% of participants in the Procedural Skills session thought that the “facility and equipment were appropriate, and that the session be retained in the future”.

The knowledge and expertise of ATSSL staff was recognized by all six survey respondents. Specific comments included staff’s ability to engage with participants and facilitate

meaningful conversations and learning, to create training models for a specific program, and to set up the labs with a focus on maximizing learning. “Consistent excellency” was specifically noted by one program.

“The Simulation Consultants have been instrumental in the creation of a simulation program for psychiatry residents. They have been kind, supportive, encouraging and available. They helped us to write scripts, train actors, develop props, dry run the scenarios and pull off multiple simulation days which is no small feat. I am grateful to have had the opportunity to work with them.”

Psychiatry PGME Program



“The team at the ATSSL go out of their way to create training models and set up the labs focused on maximizing learning. The simulation coordinators and technicians are masters of their craft and it is very obvious and appreciated.”

Obstetrics & Gynecology PGME Program

USER EXPERIENCE – THE INDIGENOUS HEALTH PROGRAM

“Mini Med School participants have loved the activities in the lab. Particularly the birthing and CPR stations are always well received. Looking at past feedback forms, the students requested more time per station but said that they wouldn’t change a thing.”

IHP Coordinator



The Indigenous Health Program (IHP) in the Cumming School of Medicine (CSM) is committed to supporting Indigenous learners and confronting issues faced by Indigenous people in the healthcare system and in our institution. The program’s services and initiatives seek to address the under representation of Indigenous people within the profession of medicine and promote health service quality improvements for all Indigenous people through professional education.

The IHP engages with Indigenous youth through initiatives that encourage students to recognize medicine as a potential career. Recruitment and community engagement activities include Mini Medical School events for high school students from reserves. During these events, students travel to Calgary to spend a few hours in the Clinical Skills Lab, meet current students and mentors, and have lunch. The ATSSL team creates the stations/activities and provides the equipment and space required.

The Mini Medical School has been well-received, with enthusiastic participation from the students. The ATSSL has hosted eight sessions since the start of the program, with the most recent session held in February 2019. The ATSSL staff is extremely proud of their involvement in the IHP Program session, which provides an opportunity to encourage youth to explore various career options in medicine. This is one of many tangible ways the ATSSL contributes to the CSM Mission of “Creating the Future of Health”.

“Having the Simulation Consultant and the ATSSL team coordinate lab activities is a huge help, as the IHP only has one staff member. We rely on ATSSL to create the stations/activities and provide the equipment required. A fantastic Simulation Consultant provides the facilitators with guidance throughout the event. She is fantastic with the students as well and encourages them to participate.”



RESEARCH & SCHOLARSHIP

ATSSL strives to adhere to best practices through engagement in research and development in the field of simulation. It is a Royal College accreditation requirement that “the program be engaged in, and contribute to, the larger community of research in health professions education that advances the field”. This is achieved by initiating research internally, much of which is generated from the Simulation Consultants and the Medical Director. However, the ATSSL also supports and informs the research generated by external researchers.

The following showcase various ways the ATSSL was involved in research and dissemination in 2018-19:

PhD RESEARCH

I am a registered Chiropractor completing a PhD with Dr. Walter Herzog in the Faculty of Kinesiology, specializing in spinal biomechanics. My current research simultaneously measures the 3-dimensional movements of the vertebra and skull, forces applied by the clinician and strains experienced by the vertebral artery during cervical spine manipulation using fresh, unembalmed human cadaveric donors obtained from the Cumming School of Medicine Body Donation Program. My research involves the dissection of antero-lateral structures of the cervical region, disarticulation of the mandible, fixation of 3mm bone pins into the cervical vertebra and skull in addition to securing 2mm piezoelectric ultrasound emitting crystals into the lumen of the vertebral artery. Following this dissection and instrumentation, a Chiropractor delivers two types of cervical spine manipulation to all seven vertebra in the neck. Following data collection, the arteries are harvested and exposed to 1,000 fatigue cycles on a Materials Testing System before being stretched until failure. So far, I have found that the strains experienced during cervical spine manipulation are orders of magnitude lower than those occurring during failure testing, suggesting that the intervention is safe. This novel and globally unique research would not have been possible without the significant contribution of the donors and the ATSSL who provided invaluable support and equipment necessary for my project.

Lindsay Gorrell, PhD(c)

FUNDING AWARD

The ATSSL Medical Director, Dr. Marcia Clarke, and her team were awarded \$10,000 from the CSM Office of Health & Medical Education Scholarship for the project “Why Don't Clinicians Line-Up at Simulation Centres? An Exploration of Barriers and Facilitators to Continued Professional Development”. This qualitative study examines the underlying motivations for why practicing clinicians engage or not in simulation based activities as a means of continued professional development (CPD). This is a cross-country study with the University of Toronto, which has also provided \$5,000 in funding. The results will inform CPD activities and possibly national policies on the use of simulation for CPD.

CAPM&R NATIONAL CONFERENCE PRESENTATION

In February of 2017, the ATSSL was approached by the Foothills Medical Centre - Neurorehabilitation (Unit 58) Patient Safety Committee to develop a simulation based initiative for addressing some of the patient safety gaps that had been identified for the unit. The Patient Safety Committee is an interprofessional group that includes representatives from nursing, medicine and allied health. In July 2017, the Simulation Consultants provided Facilitator Education Training in Simulation (FACETS) to a number of these individuals and the scenario design for the first simulation session was initiated. Scenarios were based on the needs identified by the patient safety committee, and subsequent refinement of needs that occurred during the facilitator training sessions. The overall goal of the simulation session was to improve teamwork and communication during patient care activities, both intra-professionally and inter-professionally. As a result of the success of this work, the Simulation Consultants were invited to provide a pre-course and a presentation on Simulation Facilitation at the annual the Canadian Association of Physical Medicine and Rehabilitation meeting in the Yukon, May 2018.

STUDENT RUN SIMULATION TEAM

In early 2019, the Student Run Simulation Team received \$7,500 for their application for a 2019/2020 Teaching and Learning Grants Program from the Taylor Institute for Teaching and Learning for a project that will evaluate the delivery of a simulation based medical education (SBME) session of junior medical students by peer-student facilitators from the SRST, specifically focusing on the quality of the debriefing process as compared to faculty facilitators. It will consist of trained raters observing and rating the facilitation of the overall simulation with a debrief-specific validated evaluation tool (Debriefing Assessment for Simulation in Healthcare). They hypothesized that the quality of facilitation and debrief will be comparable between faculty and student-led SBME sessions. The ATSSL Medical Director facilitated the grant writing and the Simulation Consultants provided Facilitator Education Training in Simulation (FACETS) to this UME student interest group.

QUALITY REFERRAL (QuRE) COMMITMENT

The ATSSL provides ongoing support to the **QuRE workshop development** to improve the quality of the consultation/referral process. The Quality Referral Evolution (QuRE) Working Group aims to provide practical resources for physicians and surgeons to improve the clarity and timeliness of consultation/referral requests and responses. The QuRE Working Group, a collaboration between Alberta Health Services, the University of Calgary and the University of Alberta, identified key components of a quality consultation and referral. A two-sided pocket checklist card was developed as a reference tool, providing best-evidence criteria for both the requesting and responding physicians. This checklist card has been trialed and tested by family physicians and consultants/specialists, and modified based on feedback. It has since been the focus of educational materials, workshops and scientific presentations provincially, nationally and internationally.

RCPSC ACCREDITATION

The ATSSL received accreditation as a Simulation Program from the Royal College of Physicians & Surgeons of Canada (RCPSC) in June 2018 for a five year period. Accredited simulation programs are required to demonstrate adherence to standards within the following domains: mission statement and governance, infrastructure, education, research, and patient safety and the healthcare system. This is a voluntary process, and the ATSSL joins over 20 other accredited national and international simulation labs that are recognized as leaders in simulation-based learning. ATSSL staff attended the RCPSC Simulation Summit in Ottawa in September 2018, at which the accreditation certificate was presented.



GREG'S WINGS PROJECT



Greg's Wings Project began with *Falling Through the Cracks: Greg's Story*, a short film on Greg Price's journey through the healthcare system. The film is intended to inspire positive change and improvement in the health care system.

The ATSSL has been proud to continue support of the Greg's Wings Project. Irina continues to be an active member of the curriculum development team for the UME Collaborative Practice Unit. *Falling Through the Cracks: Greg's Story* has been integrated into the teamwork training sessions developed by the ATSSL Simulation Consultants (Irina & Michele) and co-delivered with Ms. Teri Price, and Dr. Kristin Fraser, as part of the AIMG Externship Orientation (April 2018).

In June 2018, Irina traveled to Ottawa and Toronto with Drs. Ward Flemons, Kristin Fraser, Ian Wishart, and Nishan Sharma, along with Mr. David Price and Ms. Teri Price to share the teamwork curricular modules and associated activities with teams from the University of Ottawa and the University of Toronto who would like to incorporate the Greg's Wings resources into their local teamwork and Patient Safety curriculum. The film was successfully integrated into the University of Toronto UME Patient Safety curriculum, under the leadership of Drs. Brian Wong and Tia Pham, in November 2018. Irina also joined the team for the presentation of the film and a selection of the associated teamwork activities as part of a workshop at the 2018 AMEE conference in Basel, Switzerland, 2019 Cabin Fever conference in Banff, AB, for a symposium presentation as part of the 2018 ICRE conference in Halifax, and the 2018 Robert N. H. Ho Conference for Nurses and Allied Health Professionals in Vancouver.

The Alberta Health Services Calgary Zone Diagnostic Imaging Department reached out to the team in the spring of 2018 to explore the possibility of including a Greg's Wings Teamwork Session during the 2018-2019 Diagnostic Imaging Continuing Education Day (DICED). Irina collaborated with their educator team to determine the optimal curriculum and provided on-site mentorship and support during the initial 6 sessions (Sept-Oct) following which the amazing DI educator group continued to successfully deliver the sessions with minimal ongoing support. DICED is attended by close to 600 diagnostic technicians each year. Despite the presence of ceiling effect, day-of pre-post session evaluations using the T-TAQ (Teamwork Attitudes Questionnaire) tool showed statistically significant improvements. The experiences gained from working with this amazing group will serve as the foundation for the Greg's Wings Teamwork Train-the-Trainer Curriculum which is currently under development.

"Every year we try to add more value to the day by incorporating a segment that is more than just the "required" courses to maintain competencies. This year I came across the Greg's Wings project, and felt that this film could be an amazing tool that could open up an important dialogue amongst our staff. It is essential that we stay competent as professionals, but it is equally important to remember that while we are only one piece of the giant Health Care machine, our actions and words can have a big impact."

MRT Education Coordinator
Diagnostic Imaging, AHS Calgary Zone

"The Greg Price movie had a profound effect on me. I will keep this story in mind while providing patient/family care."

DICED Session Participant

Irina also had the opportunity to collaborate with educators from the SAIT School of Health and Public Safety in the development and delivery of their inaugural school wide IPE sessions utilizing Greg's Wings resources (film and teamwork activity) which were held in November 2018. Lastly, Irina had the opportunity to participate in the sharing of the film and associated teamwork activities during QI half-day sessions hosted by the South Health Campus Family Medicine Teaching Clinic (December 2018), and the Central

Family Medicine Teaching Centre Sheldon Chumir (March 2019).

<https://gregswings.ca/>

The ATSSL would like to thank the following people and programs for their feedback and contributions to this report:

AIMG Staff
Lindsay Gorrell
Greg's Wings
Dr. Rachel Grimminck
Renee Huntley
Dr. Chandrew Rajakumar
Dr. Anthony Seto
Dr. Arthur Tse

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@UCalgaryATSSL

