

Previous Endowed Scholarship and Education Fund Winners

| Year | Principal Investigator | Project |
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| 2025 | Aws Almufleh Department of Medicine, Division of Cardiology | AI Literacy in Medical Education: Evaluating Detection Tools to Strengthen Integrity Training |
| 2025 | Mahmoud Alsalehi Department of Pediatrics | Enhancing Pediatric ECG Interpretation Competency: A Web-Based Tutorial and Interactive ECG Club Intervention for Pediatric Residents |
| 2025 | Ameer Farooq Department of Surgery, Division of General Surgery | Surgery Playbook: Can You Really Learn Surgery from Tiktok? |
| 2024 | Aws Almufleh Department of Medicine, Division of Cardiology | Evaluating the Kirkpatrick Four Potential of Cardiology and Respirology Academic Detailing for Family Health Teams |
| 2024 | Elvina Chu Department of Psychiatry | Initiation and Evaluation of a Neuropsychiatry Training Day for Junior Residents |
| 2024 | Adam Szulewski Department of Emergency Medicine | Competence Committees (CCs) in Action: Exploring Perceptions of CC decision-making |
| 2022 | Dr. Sussan Askari Dept. of Physical Medicine & Rehabilitation | Exploring lifestyle medicine programs for undergraduate medical education: a scoping review |
| 2022 | Dr. Wiley Chung Dept. of Surgery | Decolonization and Indigenization of a surgical curriculum: exploring the perceived impact of a medicine wheel rubric on learner wellness |
| 2022 | Dr. Amanda Collier Dept. of Emergency Medicine | Untangling the equity, diversity and inclusion (EDI) dimensions of the 2015 CanMEDS competency framework: implications for medical teaching, learning and practice |
| 2022 | Dr. Jean Mathews Dept. of Medicine, Division of Palliative Care Medicine | Training the trainer: evaluation of a workshop to improve confidence, knowledge and skill among palliative medicine staff physicians with performing and teaching point-of-care ultrasound (POCUS) |

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| 2022 | Dr. Ben Ritsma Dept. of Physical Medicine & Rehabilitation | Virtual care for amyotrophic lateral sclerosis (ALS): provider educational needs assessment to inform development of an educational intervention |
| 2022 | Dr. David Saleh Dept. of Pediatrics | An online case-based “hypothetical patient” exercise for teaching residents skills in the management of patients with type 1 diabetes |
| 2022 | Dr. Peter Szasz Dept. of Surgery | Predicting summative performance based on formative decisions |
| 2022 | Dr. Jessica Trier Dept. of Physical Medicine & Rehabilitation | Exploring academic advisor-resident coaching relationships in postgraduate medical education |
| 2021 | Dr. Ramana Appireddy Dept. of Medicine | Exploring the integration and assessment of the CanMEDS roles during virtual care encounters |
| 2021 | Dr. Sussan Askari Dept. of Physical Medicine & Rehabilitation | Equipping a new generation of physicians to address root causes of chronic diseases: a randomized control trial of remote culinary coaching medical education program |
| 2021 | Dr. Wiley Chung Dept. of Surgery | Views from the frontline: the perceived impact of shorter resident call shifts on learning opportunities |
| 2021 | Dr. Fabiano Gomes Dept. of Psychiatry | Applying a game-based learning approach to develop competence for the clinical use of lithium |
| 2021 | Dr. Andrea Guerin Dept. of Pediatrics | COVID and clerkship: an outcome harvest of the COVID-19 on the clinical clerkship |
| 2021 | Dr. Mala Joneja Dept. of Medicine | Lessons from the Faculty of Health Sciences Dean’s Action Table on Equity, Diversity, and Inclusion: implications for transforming the clinical learning environment in health professions education |
| 2021 | Dr. Christine Law Dept. of Ophthalmology | Development of an arts-based program for improving cultural |

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| | | humility and safety in medical education |
| 2021 | Dr. Marie Leung Dept. of Medicine | Exploring professional identity formation in clerkship medical students during the COVID-19 global health emergency |
| 2021 | Dr. Naji Touma Dept. of Urology | Research productivity of medical students entering surgical specialties and sustainability of research during residency |
| 2019 | Dr. Genevieve Digby Dept. of Medicine | Evaluation of a formal patient safety curriculum and informal experiential learning on internal medicine residents' knowledge, skills and attitudes related to quality improvement and patient safety: informing a curriculum and competency-based assessment |
| 2019 | Dr. Stephen Gauthier Dept. of Medicine | Investigating the factors that impact quantity of workplace-based assessments and performance in residency training |
| 2019 | Dr. Kelly Howse Dept. of Family Medicine | Analysis of factors predicting applicants' matching success in the Canadian residency match |
| 2019 | Dr. Maria Hussain Dept. of Psychiatry | Operationalizing subspecialty training in the competency by design model: a case study of lived experiences |
| 2019 | Dr. Paula James Dept. of Medicine | Learning in translational medicine graduate program: a developmental evaluation approach |
| 2019 | Dr. Amer Johri Dept. of Medicine | Integrating cardiac and lung POCUS into the medical school curriculum: didactic methods compared to e-learning |
| 2019 | Dr. Sarosh Khalid-Khan Dept. of Psychiatry | Evaluating the child and adolescent psychiatry sub-specialty program |
| 2019 | Dr. Peter MacPherson Dept. of Pediatrics | Evaluating medical students' experiences with a pediatrics e-book |

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| 2019 | Dr. Glenio Mizubuti Dept. of Anesthesiology and Perioperative Medicine | Focused cardiac ultrasound training as Continuing Medical Education (CME) for staff physicians |
| 2019 | Dr. Darrin Payne Dept. of Surgery | Informing ongoing CBME program improvement in the Department of Surgery with a coordinated program evaluation approach |
| 2019 | Dr. Jessica Trier Dept. of Physical Medicine & Rehabilitation | Operationalizing competence committees: lessons learned from early implementers of CBME in the Canadian context |
| 2018 | Dr. Yi Ning Strube Dept. of Ophthalmology | Validation of a novel strabismus surgery 3D printed eye model and curriculum design for ophthalmology resident training in the simulation lab |
| 2018 | Dr. Boris Zevin Dept. of Surgery | Proficiency-based training in soft tissue resection using real-time computer navigation feedback from the Surgery Tutor |
| 2017 | Dr. Christine Law Dept. of Ophthalmology | Development of curriculum, assessment tools and competency targets for simulated core Ophthalmology surgical skills in a wet laboratory setting |
| 2017 | Dr. Susan MacDonald Dept. of Family Medicine | Developing and implementing an integrated Medical Assistance in Dying (MAID) curriculum into the Royal College Specialty Residency Training Programs at Queen's University |
| 2017 | Dr. David Pichora Dept. of Surgery | Upper extremity trauma: developing educational methods for teaching assessment and feedback |
| 2017 | Dr. Andrew K. Hall Dept. of Emergency Medicine | Exploring the lived experience of implementing CBME in Emergency Medicine: lessons learned |
| 2017 | Dr. Lindsey Patterson Dept. of Anesthesiology and Perioperative Medicine | Skills translation to clinical practice of real-time needle tracking system for assessment |

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| | | of lumbar puncture skills acquisition: a pilot study |
| 2017 | Dr. David Taylor Dept. of Medicine | Team-based assessment of resident performance, a mixed methods study |
| 2017 | Dr. Boris Zevin Dept. of Surgery | Implementation and evaluation of a comprehensive simulation-based resident training curriculum in bariatric surgery at Queen's University |
| 2016 | Dr. Rene Allard Dept. of Anesthesiology and Perioperative Medicine | Training residents to be competent in self-assessment: regular use of self-assessment in a focused cardiac ultrasound curriculum and evaluating its effect on learning |
| 2016 | Dr. Stephanie Baxter Dept. of Ophthalmology | Developing and evaluating competency-based assessment tools for the Department of Ophthalmology |
| 2016 | Dr. Suzanne K. Bridge Dept. of Medicine, Division of General Internal Medicine | The effect of implementation of a point of care cardiac ultrasound training program on clinical decision making and patient care |
| 2016 | Dr. Barry Chan Dept. of Medicine, Division of General Internal Medicine | Development and implementation of an introductory Thoracic Point of Care Ultrasound (TPoCUS) for the internal medicine training |
| 2016 | Dr. Leslie V. Flynn, Dept. of Psychiatry | Evaluation of the Medical Education Development Program at Queen's |
| 2016 | Dr. Andrea Guerin Dept. of Pediatrics | Evaluating the quality of multi-modality nutrition curriculum in the first year of medical school |
| 2016 | Dr. Lawrence Hookey Dept. of Medicine, Division of Gastroenterology | Prospective controlled assessment of colonoscopy technical skills acquisition using wrist and forearm motion analysis on a low-fidelity simulator |
| 2016 | Dr. Mila Kolar Dept. of General Surgery | Development and validity of an assessment system for surgery clerkship |
| 2016 | Dr. David Messenger Dept. of Emergency Medicine | An assessment of residents' perceived acquisition of |

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| | | administration and leadership competencies in Canadian Emergency Medicine residency programs |
| 2016 | Dr. David Taylor Dept. of Medicine, Division of General Internal Medicine | Evaluating and revising entrustable professional activities for internal medicine postgraduate training programs in Canada |
| 2016 | Dr. Richard van Wylick Dept. of Pediatrics | The faculty development educational research series: is it meeting the needs of participants? |
| 2016 | Dr. Roy Ilan Dept. of Medicine, Division of General Internal Medicine | Hands-on patient safety and quality improvement: implementation and evaluation of a curriculum for the core internal medicine training program |
| 2016 | Dr. Kimberley Meathrel Dept. of Plastic Surgery | Development and implementation of a competency-based medicolegal curriculum for residents |
| 2016 | Dr. David Saleh Dept. of Pediatrics | Flipping the electronic classroom to support clerkship development of pediatric sub-specialty |
| 2016 | Dr. Naji J. Touma Dept. of Urology | Identifying knowledge gaps in graduating Urology residents as well as shortcomings of Canadian training programs: analysis of a national examination of chief residents over the last 14 years |
| 2015 | Dr. Sean Taylor Dept. of Medicine, Division of Neurology | Stroke school: an immersive education module for the development of stroke competency |
| 2015 | Dr. Stephen Mann Dept. of Orthopaedic Surgery | Resident perceptions of competency-based medical education |
| 2015 | Dr. Andrew Koch Hall Dept. of Emergency Medicine | Performance of a multi-centre single-site simulation-based resuscitation OSCE for Emergency Medicine trainees |
| 2015 | Dr. Leslie V. Flynn Dept. of Psychiatry | Using the concerns-based adoption model's stages of |

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| | | concern to understand the experience of a transition of postgraduate residency programs to competency-based medical education (CBME) |
| 2015 | Dr. Susa Chamberlain Dept. of OBGYN | A rubric for assessing informed consent |
| 2015 | Dr. Shayna Watson Dept. of Family Medicine | Mapping reflective practice-thematic analysis of Family Medicine clerkship case reflections |
| 2014 | Dr. Jennifer Carpenter Dept. of Emergency Medicine | Implementation of a certificate in global health to enhance service-learning opportunities and education in both advocacy and the care of under-served populations |
| 2014 | Dr. Ian Casson Dept. of Family Medicine | Evaluation of curriculum in primary care of adults with developmental disabilities: teaching Family Medicine residents about comprehensive continuing care for complex and vulnerable populations |
| 2014 | Dr. Robert J. Connelly Dept. of Pediatrics | Measuring the impact of an I-Pass intervention bundle on handover quality |
| 2014 | Dr. Louise Rang Dept. of Emergency Medicine | The novel use of probe motion-tracking technology to assess competency in Point of care Ultrasound (PoCUS) |
| 2014 | Dr. Jennifer MacKenzie Dept. of Pediatrics | Expanding genetics teaching in postgraduate education: creation and evaluation of online modules |
| 2014 | Dr. Lindsey Patterson Dept. of Anesthesiology and Perioperative Medicine | Constructing a validity argument for the use of online modules and their rubrics to support the teaching and assessment of procedural skills |
| 2013 | Dr. Henry Avers Dept. of Medicine, Division of Rheumatology | The milestones project: defining measurable markers of progression towards competence |
| 2013 | Dr. Dan Borschneck Dept. of Orthopaedic Surgery | Virtual reality versus benchtop simulation in the acquisition of arthroscopic skill |

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| 2013 | Dr. Lawrence Hookey Dept. of Medicine, Division of Gastroenterology | Prospective controlled assessment of a colonoscopy technical skills acquisition curriculum: impact on skills acquisition rates and trainee cognitive load in gastroenterology and surgical trainees |
| 2013 | Dr. Amer Johri Dept. of Medicine, Division of Cardiology | Generation iUltrasound: assessment of a simulation and electronic-based education delivery models for teaching hand-held cardiac ultrasound skills |
| 2013 | Dr. Robert Siemens Dept. of Urology | Training ultrasound-guided nephrostomy using a computerized augmented reality system |
| 2012 | Dr. Lindsay Davidson Dept. of Orthopaedic Surgery | Case-based teaching in the undergraduate MD program: an analysis of levels of learning and development of targeted faculty development process |
| 2012 | Dr. Jane Griffiths Dept. of Family Medicine | The impact of a Portfolio Assessment System (PAS) on faculty and resident views of assessment: are we changing the culture of assessment? |
| 2012 | Dr. Melanie T. Jaeger Dept. of Anesthesiology and Perioperative Medicine | Real-time needle and ultrasound tracking system for invasive procedure skill acquisition: a pilot study |
| 2012 | Dr. Jennifer MacKenzie Dept. of Pediatrics | The relationship between medical students' motivation and engagement in an e-portfolio for intrinsic CanMEDS roles |
| 2012 | Dr. Karen Smith Dept. of Physical Medicine & Rehabilitation | Innovative electronic CME for physicians: actionable nuggets |
| 2011 | Dr. J. Damon Dagnone Dept. of Emergency Medicine | Development and validation of simulation-based assessment tools in the evaluation of resuscitation skills among postgraduate trainees |

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| 2011 | Dr. Lindsay Davidson Dept. of Orthopaedic Surgery | Effectiveness of a novel joint undergraduate/postgraduate LMCC part 2 preparatory OSCE |
| 2011 | Dr. Karen Schultz Dept. of Family Medicine | Assessing competency curriculums and ensuring educational equity: a qualitative study evaluating the Queen's Department of Family Medicine distributed sites – Belleville, Kingston, Peterborough |
| 2011 | Dr. John Smythe Dep. Of General Pediatrics | Development and implementation of a mindful medical practice curriculum |
| 2011 | Dr. Vidur Shyam Dept. of Anesthesiology and Perioperative Medicine | Comprehensive sonoanatomy module to reduce duration of training and increase accuracy of neuraxial block performance |
| 2011 | Dr. Raveen S. Pal Dept. of Medicine, Division of Cardiology | Development of a novel evaluation tool for assessment of competence in Level 1 echocardiography following focused training |
| 2010 | Dr. Robert L. Reid Dept. of OBGYN | Can a MedTech e-learning module adequately prepare medical students to undertake a first female pelvic exam? |
| 2010 | Dr. Richard van Wylick Dept. of Pediatrics | Integrated delivery of medical education in a community setting |
| 2010 | Dr. Robert J. Connelly Dept. of Pediatrics | Designing a model assessment system for use in a pediatric residency program |
| 2010 | Dr. Karen Schultz Dept. of Family Medicine | Ensuring educational equity: program evaluation of the Queen's University Department of Family Medicine distributed sites: Belleville, Kingston, Peterborough |
| 2010 | Dr. Willa Henry Dept. of Family Medicine | Innovative intervention model to better orient Family Medicine residents to caring for seniors in long term care – an evaluation |