



Cumming School of Medicine  
University of Calgary



Office of Health and Medical  
Education Scholarship (OHMES)

Annual Report 2015-2016

OHMES

better teachers, better learners, better doctors



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OHMES would like to thank the members of the Office of the Senior Associate Dean – Education, the Strategic Education Council, the OHMES Executive Committee and consultants, the O'Brien Institute for Public Health, attendees and participants in OHMES events, and the entire health and medical education community at the University of Calgary.

Images from the 2016 Symposium by Julia MacGregor of W21C

# OHMES

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# What is OHMES?

The Office of Health and Medical Education Scholarship (OHMES) was established in late 2013 to provide leadership and assistance in the pursuit of scholarly activities within the Cumming School of Medicine (CSM). In late 2014, OHMES aligned with the O'Brien Institute for Public Health and became a unit within the Institute, while still maintaining the reporting relationship with and accountability to the Strategic Education Council. Its vision and mission are aligned with the Strategic Plan of the CSM and the Eyes High vision of the University of Calgary.

**VISION:** To enhance health and medical education scholarship at the University of Calgary to become one of the top five units in Canada.

**MISSION:** To capitalize on the high quality education programs and the cadre of excellent current and potential educational scholars, and provide support to bring these activities to a higher level.

OHMES has the following goals to support the vision and mission statements:

- Provide leadership in medical, health and science education scholarship
- Build capacity through educational events and mentorship
- Enhance and support initiatives to improve the quality and breadth of learning
- Seek out opportunities to integrate with community of educators
- Promote and disseminate research and scholarly work in medical, health and science education

This annual report reviews the second year of operations, including successes to date as well as ongoing work to achieve unit goals. In its first two years of operation, OHMES worked to create an identity by establishing relationships within the scholarship community. A new strategic plan and operations plan will serve as the basis to begin Year 3 operations, and to continue the development of OHMES.



*Dr. Rachel Ellaway, Co-Director*

Dr. Ellaway joined the University of Calgary as a professor in the Department of Community Health Sciences, and Co-Director of OHMES in 2015. She chairs the OHMES Executive Committee, as well as the OHMES funding competition, scholarship workshop, and symposium planning committees. She and the other OHMES consultants also provide research consultation services to the medical education community.



*Dr. Ian Mitchell, Co-Director*

Dr Mitchell has held many educational administrative roles in the University of Calgary as Professor (now Clinical Professor), Paediatrics and assumed the role of Director, OHMES, at its founding in 2013. He continues as Co-Director, focusing on linkages between OHMES and educational administrators, such as Course Chairs and Program Directors. He is also Vice-Chair, Conjoint Health Research Ethics Board, and is available to give advice on ethical aspects of educational scholarship to investigators.



*Gretchen Greer, Manager*

Ms. Greer joined OHMES in early 2014, and provides operational support to the unit and its activities. Her role with OHMES is part-time, with her remaining time allocated to other education quality improvement projects in the CSM.



# 2015-2016 Overview

OHMES has gone from strength to strength in the 2015-2016 academic year. In July Dr. Rachel Ellaway took up her position as Co-Director of OHMES. In September we restarted the Medical Education Journal Club and the Webinar Series and we had Dr. Olav Krigolson as a visiting speaker from the University of Victoria. In November we had Dr. Tanya Horsley from the Royal College of Physicians & Surgeons of Canada, Dr. Ian Curran from the University of London in the UK, and human rights lawyer Nitya Iyer from Vancouver as visiting speakers. In January we ran the Scholarship in Health Education Research & Innovation Workshop (SHERI). In February we ran the Health and Medical Educational Scholarship Symposium. In March we announced the results of the funding competition. In June we had Dr. Joan Sargeant as a visiting speaker from Dalhousie University.

In terms of numbers:

Funding Competition:	14 applications, 7 projects funded, \$55,342 in funding
Educational Events:	19 events, 375+ attendances, \$19,413 in funding
Med Ed Travel Fund:	7 grants, \$12,033 in funding
Research Consults:	53 with 45 different individuals
Website:	5,245 visits
Twitter:	63 new followers - @UCalgaryOHMES
Med Ed Journal Club:	35 articles reviewed, 100+ attendees - external guest presentations Profs Tim Dornan and Joan Sargeant

## Governance

The OHMES Executive Committee advises OHMES on matters relating to service development and operations. The committee reports to the Strategic Education Council (SEC), and met six times in 2015-16. In September 2015, the committee welcomed Dr. Rachel Ellaway as the new Chair and Co-Director of OHMES. Other additions to committee membership in 2015-16 included Dr. Cora Constantinescu (Med Ed MSc student), Dr. Elizabeth Oddone-Paolucci (CHS Graduate Program Director), and Ms. Sarah Anderson (Med Ed PhD student).

OHMES reports through the OHMES Executive Committee to the Strategic Education Council (SEC). Funding for activities and services, as well as operating funds, are approved by SEC and provided by the Office of the Senior Associate Dean - Education.

OHMES is also a unit of the O'Brien Institute for Public Health (OIPH), but maintains its primary reporting relationship to SEC. The relationship with OIPH is in the developmental stages, but is anticipated to provide increased visibility for OHMES, as well as access to OIPH programs and services. OHMES will contribute to the mission and vision of OIPH, and add to their existing research expertise.

We would like to thank all of the members of the OHMES Executive Committee for the hard work and commitment to realising the OHMES Vision.

## OHMES Executive Committee 2015-2016

Dr. Rachel Ellaway, Chair	Dr. Aliya Kassam
Ms. Sarah Anderson	Dr. Jocelyn Lockyer
Dr. Adam Cheng	Dr. Cora Constantinescu
Dr. Ian Mitchell	Dr. Kent Hecker
Dr. Elizabeth Oddone-Paolucci	Dr. Alyshah Kaba
Dr. Nishan Sharma	Dr. David Topps



# OHMES Events

OHMES hosted a series of educational and professional development events open to the CSM as well as other health profession faculties. These include workshops, seminars, webinars and conferences. The intent of these opportunities is to foster the pursuit and use of educational scholarship across the School. In 2015-16, these events included:

## Scholarship in Health Education Research & Innovation Workshop

In January 2016 a group of PhD educators within the CSM volunteered their time and expertise to host a series of workshops on developing health and medical education research. This was adapted from the Scholarship and Innovation in Medical Education workshop offered in 2015, and extended to three in-depth sessions based on a flipped classroom format. There were 12 attendees from both the CSM and the Faculty of Veterinary Medicine who had the opportunity to develop their scholarship ideas in a small group setting. Feedback on the workshop was very positive, and there are plans to host similar workshops on a regular basis.

## Health and Medical Educational Scholarship Symposium

The second annual symposium was held on February 17-18, 2016, to showcase work in health and medical education research and innovation in Calgary and beyond, and encourage future collaborations among researchers. Three external experts in educational scholarship were invited as presenters and workshop facilitators, with 27 researchers presenting their work during the poster and oral sessions. Dr. David Cook from the Mayo Institute and Dr. Shipra Ginsburg from the University of Toronto gave keynote addresses and workshops. This year also marked the inaugural Jones Medical Education Lecture with the presentation topic focusing on interprofessional education given by Dr. Vernon Curran from Memorial University Newfoundland. Dr. Allan Jones was in the audience to thank Dr. Curran for his talk.

Attendance increased 36% from the 2015 event, with 105 participants representing the CSM, Nursing, Education, Veterinary Medicine, Mt. Royal University, University of Alberta, and University of Saskatchewan. Feedback on the Symposium was overwhelmingly positive, with the excellent quality of presentations, workshops and posters noted by attendees. This will continue to be an annual event; a save the date notice for the 2017 symposium is provided at the end of this report.



*Keynote and workshop presenters at the annual symposium. From left to right: Rachel Ellaway, David Cook, Vern Curran, Shipra Ginsburg.*

### Medical Education Scholarship Seminars

OHMES hosted six medical education scholarship seminars, which included presentations by 5 visiting scholars, as well as one by OHMES Co-Director, Dr. Ellaway. Two of the seminars were hosted by the O'Brien Institute Seminar Series, with speakers selected and funded by OHMES. The Nitya Iyer seminar was co-hosted with the Equity & Professionalism Office. Total attendance for all of the seminars was almost 200, with \$2,152 in associated expenses. Some seminars were made available live via Adobe Connect, some of which were also recorded and are accessible for streaming on the OHMES website (<http://cumming.ucalgary.ca/ohmes>).

<i>Scholar</i>	<i>Date</i>	<i>Title</i>	<i>Type</i>	<i>Attendance</i>
Dr. Olav Krigolson, University of Victoria, BC	18 September 2015	The Neural Basis of Clinical Decision Making	OIPH Seminar	60+ in person 12 on-line
Dr. Rachel Ellaway, OHMES	25 September 2015	Scholarship, Accountability and Moral Agency in Medical Education	OHMES & CAME Seminar	22 in-person 4 on-line
Dr. Tanya Horsley, Royal College of Physicians and Surgeons of Canada	23 November 2015	What are the Royal College of Physicians & Surgeons of Canada's Research Interests, Aspirations and Future Directions?	OHMES Seminar	6 in-person
Dr. Ian Curran, University of London, UK	27 November 2015	The Nature and Nurture of Professional Excellence	OIPH Seminar	50+ in-person 12 on-line
Nitya Iyer, Vancouver	30 November 2015	Inclusion and Respect: Institutional Responsibilities of Professional Schools	OHMES & EPO Seminar	15 in-person 1 on-line
Dr. Joan Sargeant	13 June 2016	Moving from feedback to coaching: what are we learning?	OHMES & CAME Seminar	30+ in person

### Webinars

OHMES hosted local viewings of 12 national and international webinars sponsored by the Canadian Association for Medical Education (CAME), the Association for Medical Education in Europe (AMEE), and the Royal College of Physicians & Surgeons of Canada (RCPSC). The webinars are designed to provide practical, evidence and experienced based advice to health educators. Local attendance ranged from 4-16 depending on the webinar.

### Medical Education Specialization Journal Club

OHMES co-sponsored a journal club with the Medical Education Specialization in the Department of Community Health Sciences. Meetings were held weekly to review and critique a current journal article in medical education. Details are available on the OHMES website, and all students, faculty, and staff were welcome to take part.

We would like to thank all of the members of the OHMES Symposium Planning Committee for their hard work and commitment to making this such a successful event.

#### OHMES 2016 Symposium Planning Committee

Dr. Rachel Ellaway, Chair  
Ms. Sarah Anderson  
Dr. Adam Cheng  
Ms. Nicole Delaloye

Ms. Gretchen Greer  
Dr. Aliya Kassam  
Dr. Nishan Sharma  
Dr. David Topps



# OHMES Funding

The major part of OHMES' core funding in 2015-2016 went to support educational scholarship initiatives in the Cumming School of Medicine. Funding was awarded to projects as part of a competitive call for proposals along with travel grants for medical education conferences and meetings.

## Health Science and Medical Education Research & Innovation Funding Competition

The Health & Medical Education Research and Innovation Funding Competition was open to investigators with an appointment in the Cumming School of Medicine. Funding of up to \$10,000 per project was provided for successful applicants. Calls went out in October with a November deadline. The competition was changed this year to differentiate between submission criteria for scholarly innovations and scholarly research projects. There were 14 proposals received, of which 4 were innovation projects and 10 were research projects.

All proposals went through a rigorous peer review process undertaken by the OHMES Funding Competition Review Committee comprised of experts with backgrounds in various areas of medical education scholarship.

In the end, seven projects were funded for a total of \$55,342, an increase of more than 60% from the previous year. Constructive feedback was given to all applicants.

The following table sets out the funded projects in 2015-2016:

<i>PI</i>	<i>Co investigators</i>	<i>Title</i>	<i>Funding</i>
Dr. Ghazwan Altabbaa, Internal Medicine	Clark M, Paolucci E	Local Tools to Global Change: Standardizing Clinical Patient Handovers	\$10,000.00
Dr. Adam Kirton, Pediatrics and Clinical Neurosciences	Ciechanski P, Cheng A, Lopushinsky S	Enhancing Medicosurgical Manual Skill Learning with Transcranial Direct-Current Stimulation	\$ 9,915.00
Diane Lorenzetti, Community Health Sciences	Paolucci E	An Exploration of Peer Mentorship in the Context of Doctoral Education	\$ 7,037.20
Dr. Mone Palacios-Mackay, Family Medicine	Minstsioulis S, Raman M	Improving the Quality of GI Referrals: A Team-Based Approach to Enhance Family Medicine Residency Training	\$ 9,000.00
Dr. Preet Sandhu, Pediatrics	Kassam A, Hall S, Amin H	The Pediatric Clinical Teaching Unit: Exploring the Perspectives of Key Stakeholders	\$ 5,000.00
Dr. Joseph Vayalumkumal, Pediatrics	Constantinescu C, Davies L, Dersch-Mills D, Kassam A, Lemay Mireille, Tsang C, Wu T	An Antimicrobial Stewardship Educational Curriculum: A Learner-Centred Approach to Ensure Patient Safety	\$ 7,550.00
Dr. Ian Walker, Emergency Medicine	McLaughlin K, Raman M	A Randomized Controlled Trial of Gender Effects on Interview Scores	\$ 6,840.00

We continue to monitor and support the four projects funded in the first round of this competition in 2014-2015.

All four projects are in the data collection phase, and are expected to be complete by the end of the 2016-2017 academic year.

All funded project holders are expected to present their findings at the Health and Medical Educational Scholarship Symposium in February 2017.



### **Medical Education Travel Fund**

OHMES has administered a travel grant program on behalf of the Strategic Education Council for Cumming School of Medicine faculty members to present the results of their research and scholarship in the area of medical or science education at national and international meetings. The expectation is that attending these meetings will contribute tangibly to the development of expertise in teaching methods, curricular development and assessment in medical and science education.

The maximum award was \$2,000 with up to \$20,000 total available each fiscal year.

In 2015-2016, seven applications were funded for a total of \$12,033.

Responsibility for managing the fund and adjudicating applications was fully transferred to OHMES in April 2016. A core part of this change was reconstituting the oversight committee as the OHMES Medical Education Travel Fund Committee.

### **Partnerships with OIPH**

OHMES, as a unit of the O'Brien Institute of Public Health, nominated two speakers on topics relevant to medical education scholarship for the OIPH Friday Seminar Series. The expenses for these speakers (Drs. Krigolson and Curran) were covered by OHMES. We would like to acknowledge the support of OIPH for medical education scholarship at the Cumming School of Medicine.

### **Jones Lecture**

The Jones family set up an endowment in honour of Donald Jones to provide recognition for outstanding UME teachers and to fund a visiting speaker on a topic of particular interest to the UME community. The inaugural Jones Lecture, which was on the topic of interprofessional education, was given by Dr. Vernon Curran as part of the Health and Medical Educational Scholarship Symposium in February. Dr. Allan Jones, former Associate Dean-UME, was in attendance on behalf of the family. OHMES would like to acknowledge the support the Jones endowment has provided for medical education scholarship at the Cumming School of Medicine.

### **External Funding**

In 2015-16, a group partially comprised of OHMES Executive members was awarded a \$15,000 Catalyst Fund grant by the O'Brien Institute for Public Health for development of the OpenLabyrinth platform as research infrastructure. The existing OpenLabyrinth platform facilitates educational research, and this grant was used to improve learning analytics, cross-platform integration of data (eg. D2L), and collaboration across organizations making use of this research platform worldwide.

### **In-kind Funding**

We would also like to acknowledge the significant time, expertise, and effort given to OHMES and its activities by many members of the Cumming School of Medicine. Although we have acknowledged the members of our various committees elsewhere in this report, we would like to extend a profound thank you to the many individuals who have contributed to the work of OHMES over the year and we look forward to a continuing productive and rewarding relationship in the years to come.

We would like to thank the members of the OHMES Funding Competition Review Committee and the OHMES Medical Education Travel Fund Committee for their hard work and dedication to medical education scholarship

#### **OHMES Funding Competition Review Committee**

Dr. Rachel Ellaway, Chair  
Dr. Martina Kelly  
Dr. Jocelyn Lockyer  
Dr. Nishan Sharma

#### **OHMES Medical Education Travel Fund Committee**

Dr. Rachel Ellaway, Chair  
Dr. Sylvain Coderre  
Dr. Jennifer Hatfield  
Dr. Kamala Patel  
Dr. Ian Mitchell



# OHMES Consultations

OHMES offers expert assistance consultancy for health and medical education research project development as well as broader advice and support in pursuing scholarly activities as part of individuals' professional and faculty development to all CSM members and staff.

Consultancy services are provided at no cost by OHMES volunteer consultants who are also members of the OHMES Executive Committee. Our six consultants have various areas of expertise, and specific areas of assistance include research question design, research methods, proposal writing, biostatistical support, etc.

We undertook 71 consults with 48 different individuals in the 2015-2016 academic year.

# OHMES Communications

OHMES engaged in a wide range of communication and outreach activities in the 2015-2016 academic year:

## Medical Education Email Group

OHMES primary means of communication with the medical education community is through the med ed email group. This list has 311 subscribers, and information regarding internal and external scholarship events and opportunities is disseminated approximately 2-3 times per week.

## Website

The website [www.cumming.ucalgary.ca/ohmes](http://www.cumming.ucalgary.ca/ohmes) is the store-front for the OHMES office, as OHMES does not have a central physical presence in the CSM. The website provides information on OHMES services and events, as well as information on external opportunities and resources. In 2015-16, 5,245 users visited the site which was a substantial increase from 647 in 2014-15.

## Twitter

The OHMES Twitter account (@UCalgaryOHMES) had 89 followers by fiscal year end, an increase of 63 in 2015-16. The account is used primarily to promote OHMES events.

## Outreach

We have given a number of presentations encouraging and discussing faculty involvement in medical education scholarship and presenting the services and infrastructure offered by OHMES. These included:

- Pediatric Education Retreat, September 2015 - Drs. Ian Mitchell and Rachel Ellaway
- Respiratory Medicine - Ghost River Clinical, Educational & Research Conference and Retreat, March 2016 - Dr. Rachel Ellaway
- Emergency Medicine Day panel - Dr. Rachel Ellaway
- Meetings with leaders at South Health Campus - Dr. Ian Mitchell

## Emerging issues

Although we have been reasonably successful in engaging the CSM community at Foothills, it is clear that we have been less successful in doing so for faculty at other sites around the city and beyond. Dr. Ian Mitchell has initiated conversations with faculty at some of the School's many sites and we intend to continue expanding our outreach activities to our extended faculty base.



# OHMES Membership

A key development in 2015-2016 was the move to establishing an OHMES Membership model. The goal is to sustain a focused sense of purpose around the OHMES mission, and to support the productivity and quality of work of all of the members.

OHMES will provide members with: information and resources on health and medical education scholarship; a formal association with the OHMES community of practice; opportunities to network and form research teams; opportunities for peer review of grants, grant applications, papers and other scholarly works; access to information from the OHMES database regarding active members of OHMES and their research interests and expertise; and access to most OHMES events and services at no cost. In return members will: support and advance the vision and mission of OHMES; provide a link to an online research profile; have their name and affiliation disseminated publicly as part of OHMES; have their name, affiliation, email address, and research interests made available to other OHMES members upon request; and report on their education scholarship activities, including research grants, abstracts, and publications.

OHMES will accept membership applications from faculty, residents, fellows, students and staff who are engaged in or are interested in health and medical education scholarship at the University of Calgary. An affiliate membership is also available to those without a University of Calgary appointment.

## Plans for 2016-2017

OHMES will continue to administer and support the services and events from the 2015-2016 year. Additional initiatives and partnerships will be pursued to support health and medical education scholarship in the CSM. Key components of the plan for 2016-2017 include:

- We will be working to improve our outreach to and engagement with CSM faculty beyond Foothills HSC.
- The dates for the 2017 Health and Medical Educational Scholarship Symposium have been set for the 22nd and 23rd February 2017. Drs. Lorelei Lingard (Western) and Kevin Eva (UBC) have been confirmed as keynote presenters. A facsimile of the save the date poster is given at the end of this report.
- We are currently identifying invited presenters for one-off seminars and visiting scholars throughout the year.
- We will continue to offer rooms and extended engagement around CAME and AMEE webinars.
- We will run the SHERI course again in the new year and we are in the process of developing new offerings.
- We will run the funding competition will run again, in a two-stage process involving Expressions of Interest followed by a full proposal for those invited to proceed to the second round.
- We will implement the OHMES membership database and develop a range of member services.
- We will continue to explore opportunities to communicate and collaborate with our many friends, partners, and stakeholders in the Cumming School of Medicine.
- We will explore additional alternative sources of funding for OHMES activities.
- We will initiate a robust operational and strategic planning process.

# Financial Report 2015-2016

OHMES is funded through the Office of the Senior Associate Dean – Education, and does not manage the unit operating budget. OHMES does manage the \$90,000 in funding provided for specific scholarship events/activities, and was able to achieve its goals for the second year of operations with the internal funding allocated. Expenditures were as follows:

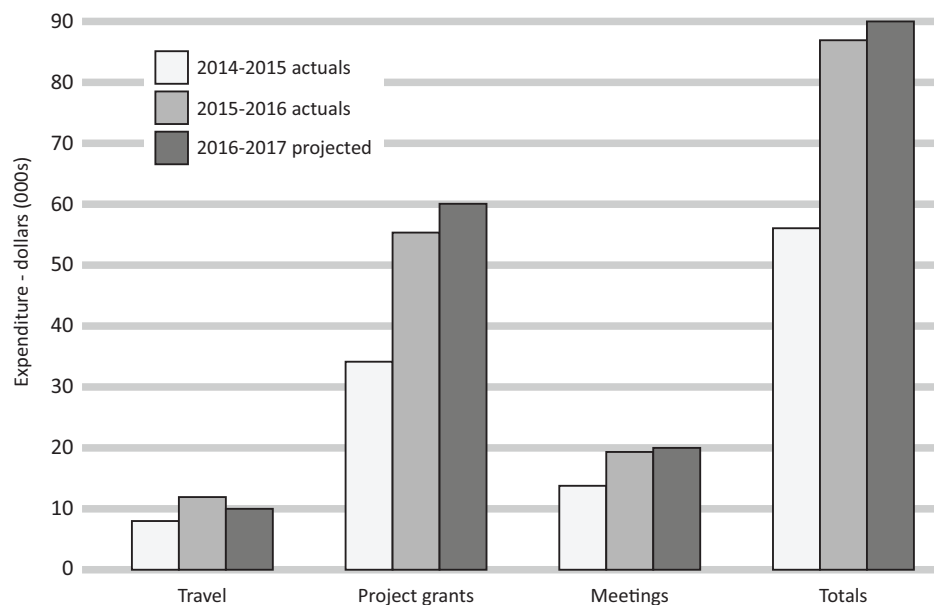
Funding	2015-2016	2014-15
Workshops/Seminars/Conferences	\$ 19,413.49	\$ 13,805.15
Research Funding Competition	\$ 55,342.20	\$ 34,221.18
Medical Education Travel Fund	\$ 12,033.07	\$ 7,997.00
TOTAL	\$ 86,788.76	\$ 56,023.33

Expenditures increased by approximately 55% from 2014-15 due to increased scholarship activities as well as increased awareness regarding funding opportunities by the CSM community. OHMES is able to offer a substantial number of services with limited funding, as expenses for workshops/seminars/conferences are minimized when possible by capitalizing on visiting professors funded by another department/unit, as well as volunteer workshop facilitators (ie. OHMES Executive members).

## Financial Plan for 2016-2017

Our operating budget remains the same at \$90,000 for the year. Given that the unspent balance from our core funding does not carry forward to the next fiscal year we are focusing on maximizing the impact of the funding within each fiscal year. We have adjusted the amounts allocated to the three categories as follows: \$60k for grants, \$20k for events, and \$10k for travel. Further adjustments may be made during the year to maximise the impact of the funding in support of the OHMES mission.

The following graph sets out the spends for the last 2 years and the coming year:



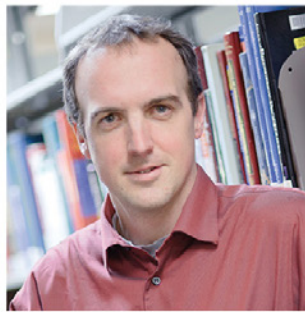
Cumming School of Medicine  
University of Calgary



The Office of Health and Medical Education Scholarship (OHMES) presents:

# Health and Medical Education Scholarship Symposium

February 22-23, 2017



Keynote speakers:

**Dr. Lorelei Lingard**  
Schulich School of Medicine,  
Western University, ON

**Dr. Kevin Eva**  
CHES, University of British Columbia

The third Health and Medical Education Scholarship Symposium sponsored by the Office of Health and Medical Education Scholarship (OHMES) will be held at the Health Sciences Centre at the University of Calgary on February 22nd and 23rd, 2017 showcasing work in health and medical education research and innovation in Calgary and beyond.

The symposium will run from 12.30pm on Wednesday February 22nd to 12.30pm on Thursday February 23rd 2017.  
The Jones Medical Education Lecture will be given on the evening of February 22nd.

The event is open to anyone with an interest in health or medical education scholarship, ranging from novices to experts.

This is a free event but please note that the number of places is limited. The registration deadline is 10 February 2017.

For further information please contact OHMES at [ohmes@ucalgary.ca](mailto:ohmes@ucalgary.ca) or call 403-220-4342



Cumming School of Medicine

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Scholarship

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