

# Dr. Nishan Sharma

nishan.sharma@ucalgary.ca  
(403) 629-4557

## EDUCATION

**2009**            **EdD**, Doctorate in Education, University of Calgary, Alberta  
**1995**            **MSc.** Physiology, University of Ottawa, Ontario  
**1992**            **BSc. (Honours)**, Biology, Queen's University, Kingston, Ontario

## CURRENT POSITION

I am currently the **Education Lead**, and a member of the Operations Team at W21C (Ward of the 21<sup>st</sup> Century) at the University of Calgary, where I have worked since February 2011. I am also a **Research Assistant Professor** in the Department of Community Health Sciences in the Cumming School of Medicine at U of C.

## RESEARCH EXPERIENCE

**April 2012 - present**            **Education Lead, W21C, University of Calgary**  
Conduct and support research with a medical education focus. Can provide details on the following active projects:

- Calgary Interprofessional Challenge
- Patient Experience Project
- Medical Teaching Unit Checklist Project
- New Technique for Scoliosis Surgery Training; Creating a Shadowing Program for Undergraduates in Internal Medicine
- Evaluating the quality and patient satisfaction of electronic discharge summaries
- Alberta Health Services Patient Navigation Environmental Scan
- Alberta Patient-Oriented Research unit
- WHO review on antibiotic use in food animals
- Implementing competency by design for Internal Medicine resident education at UC

**August 2013 – July 2017**            **DECIDE/iDECIDE/iCAN-ACP**  
Continuing study on goals of care planning and end of life care across Canada. Focus on improving the quality and amount of communication between healthcare providers, patients, and families. Conducted qualitative analysis on data, served as site coordinator for Calgary, worked as member of executive team for grants and research.  
Principal Investigator: John You, McMaster University

**June 2015 – December 2015**            **Effect of Sit/Stand Workstations on Sedentary Behaviour, VIVO**  
Pilot study  
Co-Investigators: Dr. Dwayne Sheehan and Dr. Trevor Day

**February 2011 - April 2012**            **Research Associate, W21C, University of Calgary**  
Supported projects as researcher assigned to various projects  
Director: Carmella Duchscherer

**April 2009 – February 2011**            **Team Lead Undergraduate Surgical Education, Univ of Alberta**

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Developed new instructional methods and educational content,  
assessment tools and program evaluation instruments

Director: Dr. Jonathan White

- September 2008 – Feb 2009** **Royal College of Physicians and Surgeons of Canada, Ottawa**  
Prepared research and reference material for Train-the-Trainer initiative in CanMEDS group of RCPSC.  
Contact: Dr. Jason Frank
- August 2006 – January 2009** **Edd Research, Grad. Div. Ed. Research, University of Calgary**  
Research into implementation of new PBL-based undergraduate medical school curricula at Liverpool University and University of East Anglia, UK.  
Supervisor: Dr. Ian Winchester
- April 1995 – May 1997** **Laboratory Technician, University of Calgary**  
Assisted in research projects in cardiac electrophysiology laboratory.  
Employer: Dr. Wayne R. Giles
- September 1992 – May 1995** **MSc Research, Dept. of Physiology, University of Ottawa**  
Conducted research into role of the central nucleus of the amygdala in development of hypertension in an animal model of the disease. Assisted in various research projects within department.  
Supervisor: Dr. A.J. Mick Gelsema
- May 1991 – May 1992** **Honours Project Research, Dept. of Biology, Queen's University**  
Conducted research establishing the use of physiological techniques to elicit hidden genetic characteristics in *Philomachus pugnax* (Ruffs).  
Supervisor: Dr. David B. Lank

## TEACHING EXPERIENCE

### Preceptor

**2015 - present** University of Calgary Honours Thesis and Research Communication (MDSC 508)

### Coordinator

Courses include teaching duties.

- 2017** Choosing Wisely Canada Coordinated and presented to STARS Program for undergraduate students
- 2013 - present** University of Calgary Applied Evidence-Based Medicine (MED 440)
- 2013 - present** University of Calgary Investigating and Managing Patient Safety Events
- 2014** University of Calgary Physiol Aspects of Aging, Dis & Phys Activity (KNES 495)
- 2011 - present** University of Calgary Certificate Course in Patient Safety & Quality Management
- 2016 – present** University of Calgary Team Scheme workgroup, Undergraduate Medicine
- 2015 – present** University of Calgary OHMES annual Symposium organization committee

### Lecturer

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Each lecture included all administrative duties required by institution, course material preparation, and student assessment.

	UC	UNIV 201
2017		
2006	Mount Royal College	Anatomy and Physiology II (Biol 1221)
2004 - 06	University of Calgary	Introduction to Biology II (Biol 233)
2005	Mount Royal College	Introduction to Human Physiology II (Biol 3363)
2004 - 05	University of Calgary	Human Anatomy and Physiology (Zool 269)
2004	Mount Royal College	Introduction to Human Physiology I (Biol 3361)
2002 - 05	University of Calgary	Cellular and Molecular Biology (Biol 331)
2002 - 05	Mount Royal College	Fundamentals of Biology (Biol 0130)

### Facilitator

2016 - present	University of Calgary	Patient-Oriented Research Training Program
2015 - present	University of Calgary (OHMES)	Scholarship in Health & Education Research & Innovation

### Tutor

Tutor responsibilities involved facilitation of small group, problem-based learning sessions for first year medical students.

2006 - 2007 St. George's Medical School, University of London (England)

### Laboratory Instructor

All laboratory teaching required presentation of introductory lectures, lab supervision, and all student evaluation.

2004	University of Calgary Mount Royal College	Animal Physiology II (Zool 463) Human Physiology II (Zool 3363)
2003	University of Calgary Mount Royal College	Animal Physiology II (Zool 463), Animal Physiology I (Zool 461) Human Anatomy (Biol 1214), Human Physiology I (Zool 3361), Human Physiology II (Zool 3363)
2002	University of Calgary  Mount Royal College	Animal Physiology II (Zool 463), Human Physiology II (Zool 363), Animal Physiology I (Zool 461) Human Anatomy (Biol 1214), Human Physiology (Biol 1216), Anatomy and Physiology I (Biol 1220), Human Physiology I (Zool 3361)
2001	University of Calgary Mount Royal College	Human Physiology I (Zool 361), Animal Physiology I (Zool 461) Fundamentals of Biology (Biol 0130), Introduction to Biology I (Biol 2231)
1997	University of Calgary	Animal Physiology II (Zool 463), Human Physiology II (Zool 363)
1996	University of Calgary	Animal Physiology II (Zool 463), Human Physiology I (Zool 361), Animal Physiology I (Zool 461)

### **ACADEMIC PUBLICATIONS**

## Dr. Nishan Sharma

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- 2017**      **Restricting the use of antibiotics in food-producing animals and its associations with antibiotic resistance in food-producing animals and human beings: a systematic review and meta-analysis**  
The Lancet Planetary Health:  
[http://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(17\)30141-9/fulltext?elsca1=tlxpr](http://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(17)30141-9/fulltext?elsca1=tlxpr)  
Authors: KL Tang, NP Caffery, DB Nobrega, SC Cork, PE Ronksley, HW Barkema, AJ Polachek, H Garnshorn, N Sharma, JD Kellner, WA Ghali
- 2016**      **Active Offices: Changing workplace culture by “Breaking up the Day”**  
Innovative Leisure Practices, Vol. 2, Dec. 2016; Vancouver Island University  
Authors: D Sheehan, T Martin, N Sharma, C de Grood, T Day
- 2016**      **Putting the ghost in the machine: exploring human-machine hybrid virtual patient systems for health professional education**  
<https://peerj.com/preprints/1659/>  
Authors: D Topps, M Cullen, N Sharma, RH Ellaway
- 2016**      **Providing surgeons with meaningful, timely feedback on team performance to improve surgical care (abstract)**  
Medical Education 2016. 50 (suppl 1): 63  
Authors: Clark M, Sharma N, Miller S, Schachar N.
- 2016**      **Patient safety principles in family medicine residency accreditation standards and curriculum objectives: Implications for primary care**  
Canadian Family Physician 2016. 62:e731-9.  
Authors: Kassam A, Sharma N, Harvie M, O’Bieme M, Topps M
- 2015**      **Strategies for effective goals of care discussions and decision-making: Perspectives from a multi-centre survey of Canadian hospital-based healthcare providers**  
BMC Palliative Care 2015. 14: 38. Available from [www.biomedcentral.com/1472-684X/14/38](http://www.biomedcentral.com/1472-684X/14/38)  
Authors: Roze des Ordon AL, Sharma N, Heyland DK, You JJ.
- 2014**      **Barriers to Goals of Care Discussions With Seriously Ill Hospitalized Patients and Their Families: A Multicenter Survey of Clinicians**  
JAMA Internal Medicine 2015. April 175(4): 549-56.  
Authors: You JJ, Downar J, Fowler RA, Lamontagne F, Ma IWY, Jayaraman D, Kryworuchko J, Strachan PH, Ilan, R, Nijjar AP, Neary J, Shik J, Brazil K, Patel A, Wiebe, K, Albert M, Palepu A, Nouvet E, Roze des Ordon A, Sharma N, Abdul-Razzak A, Jiang X, Day A, Heyland DK for the Canadian Researchers at the End of Life Network (CARENET).
- 2014**      **Scenario-based learning: Blending feedback modalities**  
Medical Education 2014; 48 (Suppl 1): 136.  
Authors: Topps D, Ellaway R, Woodham L, Lee S, Sharma N.
- 2014**      **Ultrasound-Guided Paracentesis**  
MedEdPORTAL; 2014, Available from: [www.mededportal.org/publication/9774](http://www.mededportal.org/publication/9774)  
Authors: Ma IWY, Sharma N, Nagassar S, Wishart I, Holroyd-Leduc J, Novak K

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- 2014**      **Measuring competence in central venous catheterization: a systematic-review**  
SpringerPlus 2014: 3:33  
Authors: Ma IWY, Sharma N, Brindle ME, Caird J and K McLaughlin
- 2013**      **Repeated squat-stand cycles as a tool for demonstrating integrative cardiovascular and cerebrovascular physiology in humans.**  
Abstr. International Union of Physiological Sciences, July 21-26, 2013. Birmingham, UK. Late Breaking Abstract.  
Authors: MacKay CM, Lemieux C, Sheedy K, Sharma N, Yeo M, Ainslie PN and Day TA
- 2013**      **Using wiki technology to engage students and generate student-centred learning resources in undergraduate surgery**  
Medical Education 2013: 47(Suppl 1): 5  
Authors: R Chan, K Fathamani, J Marshall, K Pederson, N Sharma, S Erichsen, J White  
Oral presentation at Canadian Conference on Medical Education, Quebec, April 2013
- 2013**      **"Who writes what?" Using written comments in team-based assessment to better understand the universe of medical student performance: A mixed-methods study**  
Medical Education 2013: 47(Suppl 1): 6  
Authors: J White, N Sharma  
Oral presentation at Canadian Conference on Medical Education, Quebec, April 2013
- 2012**      **Advocacy and Intimidation: A Comprehensive Review.**  
W21C and Institute for Public Health, and Faculty of Medicine, University of Calgary. Prepared for Health Quality Council of Alberta.  
Authors: N Sharma, K Zwicker, W Ghali
- 2012**      **Who writes what? Using written comments in team-based assessment to better understand medical student performance: A mixed-methods study**  
BMC Medical Education 2012; 12:123  
Available from: <http://www.biomedcentral.com/1472-6920/12/123>  
Authors: JS White, N Sharma
- 2012**      **Academic Literature Review of Preferential Access to Healthcare in Canada.**  
W21C and Faculty of Medicine, University of Calgary. Prepared for Health Quality Council of Alberta.  
Authors: N Sharma
- 2012**      **Team-based assessment of medical students in a clinical clerkship is feasible and acceptable**  
Medical Teacher 2012; 34:555-561  
Authors: N Sharma, Y Cui, JP Leighton, JS White

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- 2012**      **Surgery 101 Podcasts on Med Ed Portal**  
White J, Rourke K, Merani S, Sharma N, Djogvic D, Bornes T, Sibtain A, Penney T, Mowbrey K, Erichsen S, Marshall J, Pederson K. Surgery 101 Podcast Episodes 71-80. MedEdPORTAL; 2012. Available from: [www.mededportal.org/publication/9178](http://www.mededportal.org/publication/9178)
- 2012**      **Surgery 101 Podcasts on Med Ed Portal**  
White J, Rourke K, Sharma N, Erichsen S, Marshall J, Pederson K, et al. Surgery 101 Podcast Episodes 61-70. MedEdPORTAL; 2012. Available from: [www.mededportal.org/publication/9164](http://www.mededportal.org/publication/9164)
- 2012**      **Podcasting: A technology, not a toy**  
Advances in Health Sciences Education March 2012  
Available from: <http://www.springer.com/home?SGWID=0-0-1003-0-0&aqlid=2294844&download=1&checkval=1c5646a54d820402716522306b12786d>  
Authors: JS White, N Sharma
- 2011**      **Surgery 101: Evaluating the use of podcasting in a general surgery clerkship.**  
Medical Teacher 2011; 33:941-943  
Authors: JS White, N Sharma, P Boora
- 2011**      **Surgery 101 Podcasts on Med Ed Portal**  
White J, Sharma N, O'Kelly C, Findlay M, Schiller D, Ho A, Hamilton S. Surgery 101 Episodes 31-40. MedEdPORTAL; 2011. Available from: [www.mededportal.org/publication/9002](http://www.mededportal.org/publication/9002)
- 2011**      **Surgery 101 Podcasts on Med Ed Portal**  
White J, Sharma N, Dicken B, Shapiro J, Sample C, Meyer S, MacArthur R, Kiddoo D. Surgery 101 Episodes 21-30. MedEdPORTAL; 2011. Available from: [www.mededportal.org/publication/9001](http://www.mededportal.org/publication/9001)
- 2011**      **Surgery 101 Podcasts on Med Ed Portal**  
White J, Rourke K, Ansari K, Sharma N, Olson J, Metcalfe P. Surgery 101 Episodes 11-20. MedEdPORTAL; 2011. Available from: [www.mededportal.org/publication/8585](http://www.mededportal.org/publication/8585)
- 2010**      **Wikis 102: Making the Read-Write Web Work for You.**  
Medical Education 2010; 44 (S2): 5  
Authors: A Jalali, K Stobart, N Sharma, J White
- 2010**      **The Use of Multi-Source Feedback in Assessing Undergraduate Students in a General Surgery/Anesthesiology Clerkship.**  
Medical Education 2010; 44 (S2): 62  
Authors: N Sharma, J White
- 2004**      **Zoology 3361 Introduction to Human Physiology I – Lab Manual**  
Department of Chemical, Biological and Environmental Sciences  
Mount Royal College  
Contributors: TA Day, DW Eley, KG Hecker, N Sharma and RL Walker (Ed: K Hoehn)
- 2004**      **Zoology 3363 Introduction to Human Physiology II – Lab Manual**  
Department of Chemical, Biological and Environmental Sciences, Mount Royal  
Contributors: TA Day, DW Eley, KG Hecker, N Sharma and RL Walker (Ed: K Hoehn)

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- 1995**      **Central nucleus of the amygdala and the development of hypertension in spontaneously hypertensive rats.**  
American Journal of Physiology 268: R1171-R1177  
Authors: N Sharma, AJ Gelsema
- 1994**      **Selective bilateral lesions of neurons in the central nucleus of the amygdala (ACe) attenuate the development of hypertension in spontaneously hypertensive rats (SHR).**  
Canadian Journal of Physiology and Pharmacology 72: Axxvi  
Authors: N Sharma, AJ Gelsema

### ACADEMIC PRESENTATIONS

- 2017**      **International Union of Physiological Sciences, Rio, Brazil**  
Using a standing workstation does not attenuate the time-dependent decline in neurovascular coupling response magnitude. (poster)  
Authors: Leacy JK, Lavoie LR, Johnson EM, Sheehan DP, O'Halloran K, Sharma N and Day TA.
- 2017**      **International Union of Physiological Sciences, Rio, Brazil**  
Measuring changes to sedentary behavior in the workplace: Comparing self-report and accelerometry. (poster)  
Authors: Johnson EM, Lavoie LR, Sheehan DP, Sharma N, Borkenhagen D and Day TA
- 2017**      **International Union of Physiological Sciences, Rio, Brazil**  
Is there a relationship between neurovascular coupling and cognitive performance? (poster)  
Authors: Lavoie LR, Leacy JK, Johnson EM, Borkenhagen D, Sheehan DP, Linares AM, Saran G, Sharma N, and Day TA
- 2017**      Irene study at CSIM meeting with Fatima
- 2017**      **International Conference on Residency Education, Quebec, QC**  
Residents as teachers: the creation of a novel clinical shadowing experience for pre-clerkship medical students  
Authors: F Kamar, N Sharfuddin, N Sharma, A Bharwani, M Mintz
- 2017**      **International Conference on Advance Care Planning and End of Life Care, Banff, AB**  
Process Mapping of Goals of Care Discussions at 3 Canadian Teaching Hospitals  
Authors: N Sharma, D Jayraman, A Smrke, A Consoli, JJ You, J Simon
- 2017**      **International Conference on Advance Care Planning and End of Life Care, Banff, AB**  
What's Important to Me? Acceptability and potential utility of a novel values clarification tool to facilitate person-centred conversations about goals of care  
Authors: A Consoli, G Freeman, C Mantle, J Simon, N Sharma, P Allatt, M Swinton, DK Heyland, JJ You
- 2017**      **International Nursing Association for Clinical Simulation and Learning, Washington DC**

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The use of smartphones in the classroom, simulation and clinical: an interprofessional perspective  
Presenter: S Goldsworthy

- 2017 Canadian Conference on Medical Education, Winnipeg, MB**  
Undergraduate Education on Patient Safety Through Teamwork: New Focus, New Curriculum  
Authors: N Sharma, W Flemons, I Charania, I Wishart, M Donahue, S Goldsworthy, R Shea, K Fraser
- 2016 International Congress on Palliative Care, Montreal, QC**  
Acceptability and potential utility of a novel values clarification tool to enable person-centred conversations about goals of care  
Authors: JJ You, J Simon, N Sharma, P Allatt, M Swinton, C Mantle, A Consoli, G Freeman, D Jayaraman, DK Heyland
- 2016 Walk21 Conference, Hong Kong, China**  
Tracking a six-month 'Active Office' initiative: Nudging employees from sit to stand to walk  
Authors: D Sheehan, N Sharma, T Day
- 2016 Canadian Conference on Medical Education, Montreal, QC**  
Oral Presentation: Providing surgeons with meaningful, timely feedback on team performance to improve surgical care  
Authors: M Clark, N Sharma, S Miller, N Schachar
- 2016 Canadian Conference on Medical Education, Montreal, QC**  
Poster Presentation: QI on the fly – Comparative Process Mapping of Goals of Care Discussions on General Medicine Units at 3 Canadian Academic Centres  
Authors: D Jayaraman, N Sharma, A Smrke, A Consoli, J You, J Simon
- 2016 Office of Faculty Development, Faculty of Medicine, University of Calgary**  
Workshop: Podcasting 101 - Creating your own education podcast  
Authors: N Sharma, A Consoli, S Coburn
- 2015 Continuing Medical Education Conference, Vientiane, Laos**  
Workshops on quality improvement in healthcare
- 2015 Association for Medical Education in Europe, Glasgow, Scotland**  
Poster Presentation: People, place and time - Feedback that matters in surgical practice  
Authors: N Sharma, N Scharchar, S Miller, M Clark
- 2015 Campus Alberta Student Conference on Health, Banff, Alberta**  
Poster Presentation: Reducing workplace sedentary behaviour in health care settings: Evidence-based role modeling for workplace health  
Authors: JR Pfoh, N Sharma, D Sheehan, J Mireau, TA Day.
- 2015 Office of Faculty Development, Faculty of Medicine, University of Calgary**  
Workshop: Podcasting 101 - Creating your own education podcast  
Authors: N Sharma, A Consoli, G Collins

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- 2015**      **Canadian Conference on Medical Education, Vancouver, British Columbia**  
Oral Presentation: Identifying ways to improve communication and decision-making about goals of care: A secondary analysis of the DECIDE study  
Authors: A Roze des Ordons, N Sharma, JJ You, D Heyland
- 2014**      **Office of Faculty Development, Faculty of Medicine, University of Calgary**  
Workshop: Podcasting 101 - Creating your own education podcast  
Authors: N Sharma, G Brown, G Collins
- 2014**      **O'Brien Institute for Public Health, University of Calgary**  
Oral Presentation: Sitting Disease - Does it exist? Do you have it? What can you do about it?  
Presenters: Sharma N, Day T
- 2014**      **Association for Medical Education in Europe, Milan, Italy**  
Oral Presentation: Patient Safety in Family Medicine: A Thematic Analysis of Accreditation Standards and the Triple C Curriculum  
Authors: A Kassam (presenter), N Sharma, M Harvie, M O'Bierne
- 2014**      **makeCalgary: HEALTHY, Calgary, AB**  
Poster Presentation: Stand up for your health and walk for your life!  
Authors: Day T, Sharma N
- 2013**      **ACCEPT/DECIDE Study meeting, Hamilton, ON**  
Oral Presentation: presentation of qualitative analysis of study responses  
Authors: N Sharma
- 2013**      **Health Research Transfer Network of Alberta Conference, Banff, AB**  
Oral Presentation: Opening the doors to patient safety research: The W21C Patient Safety Podcast  
Authors: N Sharma, G Brown, L Miller
- 2013**      **International Conference on Residency Education, Calgary, AB**  
Workshop: Virtual patients: Why start from scratch?  
Authors: D Topps, P Colbert, N Sharma, S Lee, A Aboulhoda
- 2013**      **Office of Faculty Development, Faculty of Medicine, University of Calgary**  
Workshop: Podcasting 101 - Creating your own education podcast  
Authors: N Sharma, G Brown, G Collins
- 2013**      **Canadian Conference on Medical Education, Quebec, QC**  
Poster Presentation: The development of an education program on patient safety management  
Authors: W Flemons, N Sharma, M Harvie, D Wright
- 2013**      **Canadian Conference on Medical Education, Quebec, QC**  
Poster Presentation: Impact of a certificate course in patient safety and quality on healthcare workers and their workplace  
Authors: N Sharma, M Harvie, W Flemons, D Wright

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- 2013**      **Canadian Conference on Medical Education, Quebec, QC**  
Poster Presentation: Green and Pink: The use of highlighted narrative comments in faculty development  
Authors: J White, N Sharma
- 2012**      **Canadian Conference on Medical Education, Banff, AB**  
Oral Presentation: Assessment of Central Venous Catheterization Skills by Direct Observation: A Systematic Review of Checklists  
Authors: I Ma, N Sharma, M Brindle, W Ghali
- 2012**      **Simulation Summit, Royal College of Physicians & Surgeons of Can., Ottawa, ON**  
Poster Presentation: The Design and Implementation of High-fidelity based Patient Safety Curriculum  
Authors: G Altabbaa, N Sharma
- 2010**      **Ottawa Conference on the Assessment of Competence in Medicine and the Healthcare Professions, Miami, Fla**  
Oral Presentation: Using multi-source feedback to assess medical students' learning on an interprofessional surgical healthcare team.  
Co-presenters: J White, JP Leighton, Y Cui
- 2010**      **Canadian Conference on Medical Education, St John's, NL**  
Workshop: Wikis 102: Making the Read-Write Web Work for You. Co-presenters: A Jalali, K Stobart, J White
- 2010**      **Canadian Conference on Medical Education, St John's, NL**  
Oral Presentation: The Use of Multi-Source Feedback in Assessing Undergraduate Students in a General Surgery/Anesthesiology Clerkship. Co-presenter: J White
- 2010**      **Canadian Clerkship Interest Group, St John's, NL**  
Workshop: Technology in Clinical Clerkships – Why you might want a wiki. Co-presenter: J White
- 2010**      **International Conference on Residency Education, Ottawa, ON**  
Oral Presentation: Making your first podcast: It's easier than it sounds.  
Co-presenters: A Jalali, J White
- 2010**      **Thinking Qualitatively, Edmonton, AB**  
Poster Presentation: The use of reflective writing in exploring student experiences in surgery.  
Co-presenter: J White
- 2010**      **University of Alberta Resident Teacher Training Workshop, Banff, AB**  
Helped facilitate a weekend workshop on teaching first year surgical residents how to teach.
- 2009**      **Association for the Study of Med Education, Edinburgh, Scotland**  
Poster: Lessons learned from the implementation of problem-based learning at a traditional and a new medical school.

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- 2008**      **Canadian Conference on Medical Education, Montreal, QC**  
Poster: Lessons Learned from the Implementation of Problem-Based Learning Curricula at a Traditional and a New Medical School
- 1994**      **Canadian Hypertension Society Meeting (ON chapter), Ottawa**  
Scientific poster and presentation on Master's research.
- 1994**      **Canadian Physiological Society Winter Meeting, Lake Louise, AB**  
Seminar on MSc. Research.
- 1991**      **American Ornithological Union Meeting, Montreal, QC**  
Scientific poster on Honour's project research.

### **INVITED PRESENTATIONS**

- 2017**      **Teamwork for Patient Safety**  
Calgary Women's Breast Health Program
- 2016**      **Effects of sit/stand workstations on sedentary behaviour in the workplace, VIVO, Calgary, AB**
- 2015**      **High River Rotary Club, High River, Alberta**  
Sitting Disease - Does it exist? Do you have it? What can you do about it?  
Presenters: Sharma N, Day T
- 2015**      **Working Our Way to Wellness, Cumming School of Medicine, Calgary, AB**  
Sitting Disease - Does it exist? Do you have it? What can you do about it?  
Presenters: Sharma N, Day T
- 2015**      **Shaping the Future, Healthy Environments for Learning, Kananaskis, AB**  
Sitting disease  
Presenters: TA Day, N Sharma
- 2014**      **Canadian Academy for Healthier Generations, Calgary, Alberta**  
Sit less, move more @ work  
Presenters: N Sharma, TA Day
- 2012**      **Department of Surgery, University of Alberta, Edmonton Alberta**  
CanMEDS Session – The Politics of Advocacy in Healthcare.  
Invitation from Dr Marcia Clark, Program Director, Surgical Foundations, University of Alberta

### **INVITED REVIEWER/EXAMINER**

- 2017**      Abstracts for Canadian Conference on Medical Education, Halifax, NS
- 2016**      Examiner, PGY-1 Surgery OSCEs, University of Calgary
- 2016**      Abstracts for Canadian Conference on Medical Education, Montreal, QC
- 2015**      Article for Journal of Graduate Medical Education
- 2015**      Abstracts for Canadian Conference on Medical Education, Ottawa, ON
- 2015**      Article for Journal of Medical Internet Research
- 2014**      Abstracts for Canadian Conference on Medical Education, Vancouver, BC

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## GLOBAL HEALTH

- 2017** Delivered workshops on teamwork in health care to hospital staff at Continuing Medical Education Conference in Vientiane, Laos - January 2017
- 2015** Delivered workshops on quality improvement in health care to hospital staff at Continuing Medical Education Conference in Vientiane, and Xienghone Hospital, Sainyabuli Province, Laos - October 2015
- 2015** Delivered workshops on quality improvement in health care to hospital staff at three hospitals in Savannakhet Province, Laos as part of Laos Health program at University of Calgary, March 2015

## PODCASTS

- 2011 - 2017** **W21C Patient Safety Podcast** – created, produced, edited and hosted this podcast on patient safety and quality improvement in healthcare. Over 20,000 downloads.
- 2009 - 2011** **Surgery 101** – producer for episodes relating to surgical education for undergraduate medicine, through University of Alberta. Series has had over 2 million downloads.

## AFFILIATIONS

- 2017 - present** Canadian Association of Medical Education, Representative for Cumming School of Medicine
- 2011 - present** Canadian Association for Medical Education, member
- 2014 - present** Member, O'Brien Institute for Public Health, Cumming School of Medicine
- 2014 - present** Office of Health and Medical Education Scholarship, Cumming School of Medicine  
Member of executive
- 2016 - 2017** Member of Advisory Board, Patient and Community Engagement Research (PaCER) program, Cumming School of Medicine
- 2016 - present** Member makeCalgary executive committee
- 2016 - 2017** Member Walk21 Conference Calgary organizing committee

## TRAINEES AND MENTEES

- 2017** Rhonda Shea, Patient Safety Course student, University of Calgary
- 2016** Andrew West, doctoral candidate, candidacy committee, Werklund School of Education, University of Calgary
- 2016** Marta Shaw, doctoral candidate, Patient Safety Course student, University of Calgary
- 2015** Anne KoKesch, Patient Safety Course student, University of Calgary
- 2012** Christina McKay, undergraduate student, Honours Thesis, Mount Royal University
- 2012** Chantelle Lemieux, undergraduate student, Honours Thesis, Mount Royal University

## RESEARCH SUPPORT

- 2017** **Rahim "Using design thinking to improve the patient experience." It was awarded \$25,000.**

## Dr. Nishan Sharma

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- 2017** **OHMES Allison, Campus Alberta Deirdre, CIC**  
**2016** TVN 2015 Transformative Grant Program – Improving Advance Care Planning for Frail Elderly Canadians, \$2.4M (Co-Investigator, PI Dr John You)
- 2016** Grant from Mount Royal University - Investigation of Sedentary Behaviour in the Workplace, \$150,000 (Co-Lead with Dr. Trevor Day and Dr. Dwayne Sheehan)
- 2013** Orthopaedic Research Portfolio Grant for “Establishing a Culture of Mindful Practice in Surgery at a New Orthopedic Centre”, \$4486.40 (Co-Investigator with Dr M Clark)
- 2013** Continuing Medical Education and Professional Development Research Grant for “Establishing a Culture of Mindful Practice in Surgery at a New Orthopedic Centre”, \$5000 (Co-Investigator with Dr M Clark)
- 2013** Collaborative Research & Innovation Opportunities Grant from Alberta Innovates-Health Solutions, \$4,658,265 (Collaborator with W21C)
- 2012** Medical Education Research Grant from Royal College of Physicians and Surgeons of Canada, \$47,536 (Co-investigator to Dr I Ma)
- 2010** Edmonton Civic Employees Fund to the Department of Surgery, University of Alberta, \$9000 (Co-investigator to Dr J White)

## WORK EXPERIENCE

**April 2009 – February 2011** **Team Lead Undergraduate Surgical Education, Univ of Alberta**  
Implemented new educational policies, practices and procedures relating to the curriculum in surgery. Developed new instructional methods and educational content, assessment tools and program evaluation instruments. Supported strategic planning for undergraduate education and development of faculty educational skills. Managed staff and operation of the Undergraduate Office of Surgical Education, which oversees scheduling, management and assessment of medical students

**Cybersurf Corporation** - internet software and telecommunications, Calgary, Alberta, Canada.

**June 2000 – June 2001** **Vice President (Business Development)**  
Responsible for Business Development group assigned to conduct business opportunity analysis and implementation of new technologies into revenue producing products, and Research and Development group assigned to evaluate and implement new business strategies; served as officer of Corporation.

**Nov. 1999 – May 2000** **Manager, Business Development**  
**May - October 1999** **Manager, Quality Assurance**  
**June 1998 - April 1999** **Web Developer, Interactive Media**

## SKILLS

Laboratory techniques in physiology, cell culture, microbiology, biochemistry, histology, chemistry.  
Web and multimedia development. Basic French language skills.

## **Dr. Nishan Sharma**

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Master Trainer - TeamSTEPPS, training for teamwork and patient safety

*Academic and personal references, publication reprints, teaching evaluations, MSc. and Doctoral theses available upon request.*