

Maria J. Santana, MPharm, MRPharmS, PhD

CURRICULUM VITAE

I. BIOGRAPHICAL DATA

Name: **Maria-Jose Santana** (nee – Parrilla Lopez)
Address: 3E-35, TRW Building, 3280 Hospital Drive NW
Calgary, T2N 4Z6, Canada, Alberta
Telephone: 403-955-2783
Email: mjsantan@ucalgary.ca

Present Rank: Assistant Professor
Department: Pediatrics
Community Health Sciences
Alberta Children Hospital Research Institute
O'Brien Institute for Public Health
Libin Cardiovascular Institute

Faculty: Cumming School of Medicine
Institution: University of Calgary

II. ACADEMIC RECORD

Final Degree: Doctor in Philosophy
Date Completed: July 2009
Specialty: Public Health Sciences
Institution: University of Alberta, Edmonton, Canada

i. Graduate and post-doctoral

Post-doctoral fellow (2010-2013)
Cumming School of Medicine, University of Calgary, Calgary, Canada

Doctor of Philosophy (2009)
Public Health Sciences, School of Public Health, University of Alberta,
Edmonton, Canada

Master in Pharmaceutical Sciences (1983-1985)
Universidad de La Laguna, Tenerife, Spain

ii. Special Professional

Diploma in Public Health (1986)

Department of Public Health, Ministry of Health, Madrid, Spain

Diploma of Pharmacy (1996-1998)

London School of Pharmacy, London, United Kingdom

iii. Undergraduate

Bachelor of Pharmacy (1977-1984)

Clinical Pharmacy, Universidad de La Laguna, Tenerife, Spain

iv. Licensure, certification and boards:

1986

Colegio de Farmaceuticos

1991

Royal Pharmaceutical Society of Great Britain

III. ACADEMIC APPOINTMENTS

2014-2017

Research Assistant Professor, Department of Community Health Sciences, Cumming School of Medicine, University of Calgary, Calgary, Canada

IV. ACADEMIC WORK EXPERIENCE

2017-Present

Director, The Methods Hub, O'Brien Institute for Public Health, University of Calgary, Calgary, Canada

2015- 2017

Associate Director, The Methods Hub, O'Brien Institute for Public Health, University of Calgary, Calgary, Canada

2015- Present

Associate Director, Methods Support and Development Platform, Alberta Strategy for Patient-Oriented Research (SPOR), Calgary, Canada

2012-2013

Senior Researcher, Patient Engagement Lead, W21C Research and Innovation Centre, Department of Community Health Sciences, O'Brien Institute for Public Health, Cumming School of Medicine, University of Calgary, Calgary, Canada

2010-2012

Post-Doctoral Fellowship, Department of Community Health Sciences, O'Brien Institute for Public Health, Cumming School of Medicine, University of Calgary

2008-2010

Research Associate, Lung Transplant Program University of Alberta Hospital, University of Alberta, Edmonton, Canada

Research Assistant, Institute of Health, Economics, University of Alberta,
Edmonton, Canada

V. NON-ACADEMIC WORK EXPERIENCE

1999 – 2000 Senior Clinical Pharmacy – Kingston Hospital, Surrey, London, UK
1996 – 1999 Deputy Chief Pharmacist – Parkside Hospital, London, UK
1993 – 1996 Pharmacist Manager – Boots the Chemist, London UK
1992 – 1993 Clinical Pharmacist – St Richard’s and Greylingwell Hospitals.
Chichester, UK
1989 – 1991 Teacher Assistant, Kimbolton School, Cambridgeshire, UK
1985 – 1988 Pharmacist Lead Manager – Petit Pharmacy, Spain

VI. EDUCATIONAL ACTIVITIES

i. Teaching

Graduate Courses:

2016-2017 Health Research Methodology (core course) – MDCH681 – Winter Term
2015- 2016 Health Research Methodology (core course) – MDCH681 – Winter Term
2015- 2016 Measuring Patient Centred Care – Reading Course – Fall term

Undergraduate Courses:

2017-2018 Bachelor Health Science Honours – MDSC508 – Fall and Winter Term

Certificate Courses:

2016 Alberta Strategy for Patient-oriented Research Unit. Certificate course –
The role of patient-reported outcomes measures in healthcare.
2010-2015 Patient Safety and Quality Management Certificate Course. Health Quality
Council of Alberta in collaboration with The University of Calgary.
2013 Continuing Medical Education, Cumming School of Medicine, University
of Calgary

ii. Supervision

Junior Faculty Supervised- Primary/co-supervisor

Trafford Crump Junior faculty, appointed to the Department of Surgery, Cumming School of Medicine, University of Calgary (2016)

Post-Doctoral Students Supervised - Primary/co-supervisor/Committee member

Karen Tang Post-doctoral Fellow, Department of Community Health Sciences
University of Calgary (2014-present)
Social Determinants of Post-Discharge Readmissions, Emergency Department Visits, and Mortality in Medical Inpatients (Supervisor: Dr. William Ghali)
Awards: Alberta Innovates Health Solutions Grant

Graduate Students Supervised – Primary/Co- Supervisor

Sumedh Bele PhD student, Department of Community Health Sciences
University of Calgary (2018-2020)
Integration of Patient-reported Outcomes in Pediatric Care: the KidsPRO system
Awards: W21C CRIIO competition (2018).

Kimberly Manalili PhD student, Department of Community Health Sciences
University of Calgary (2017-2020)
Implementation of Patient-centred quality indicators in pediatrics.
Awards: W21C CRIIO competition (2016).

Kyle Kemp PhD student, Department of Community Health Sciences
University of Calgary (2015-present)
Patient-reported experience measures and patient safety indicators in health care (co-supervisor: Dr. Hude Quan)
Awards: CIHR Frederick Banting and Charles Best Canada Graduate Scholarship Doctoral Award (2016-2019); CIHR– Institute for Health Services and Policy Research Commonwealth Fund Survey Dissemination Award (2016); Canadian Association for Health Services and Policy Research Student Travel Bursary (2016); AIHS SPOR Graduate Studentship in Patient-Oriented Research (2016) (Declined)

Sadia Ahmed Master's student, Department of Community Health Sciences, University of Calgary (2018-2020). *Assessing the Caregiver and Patients' perceptions of Palliative Care: a qualitative study including Digital Story Telling.*

Fartoon Siad Master's student, Department of Community Health Sciences, University of Calgary (2014-2016)

Documenting the Experience of New Canadians Diagnosed with
*Gestational Diabetes Mellitus: A Qualitative Inquiry Using Digital
Storytelling* (co-supervisor: Dr. Doreen Rabi)

- Anshula Ambasta Medical Resident, University of Calgary (2015)
*An Assessment of Factors Related to Patients Leaving Hospital without
Medical Advice* (co-supervisor: Dr. William Ghali)
- Barbara Okoniewska Medical Student, University of Calgary (2011-2014)
*Assessment of Patient-Reported Adverse Outcomes -The role of
patient-reported outcomes measures in patient safety.* (co-supervisor
Dr. William Ghali)
Awards: Markin USRP Award
- Aida Raissi Medical Student University of Alberta (2012-2014)
*Barriers and Opportunities Towards the Adoption of E-Health
Technology: A Systematic Review*
- Niklas Bobrovitz Master's student, Department of Community Health Sciences, University
of Calgary (2011-2013)
*Development of Patient-Reported Outcome Measures in Adult Injured
Care.* (co-Supervisor Dr. Tom Stelfox)
Awards: Clarendon Fund Scholarship
- Carmen Cooper BSc Student, University of Calgary (2011-2012)
*Comparison of Quality Improvement Practices at Adult and Pediatric
Trauma Centers.* (co-Supervisor Dr. Tom Stelfox)
Awards: Markin USRP
- Sharp Colleen BSc Student, University of Calgary (2010-2011)
*Systematic Review Exploring the Clinical Evidence of Quality Indicators
in Adult Injury Care* (co-Supervisor Dr. Tom Stelfox)
Awards: Markin USRP
- Cherryl Panorel MSc (course-based) University of Calgary (2010-2011)
*Assessing the Efficacy of an Electronic Transfer of Care Communication
Tool* (co-Supervisor Dr. William Ghali)
- Mark Percy BSc Student, University of Calgary (2010-2011)
*Patient Safety Course, W21C Research and Innovation Centre Identifying
and Characterizing Medication Ordering Errors Overnight at a Large
Teaching Hospital*

Graduate Students Supervised – Committee Member

- Kelsey Chomistek Master's student, Department of Pediatrics, Cumming School of Medicine (2017-2019). *Early Arthritis Program in Children.*
- Shainur Premji PhD student, Department of Community Health Sciences, University of Calgary (2017-2022). *Development Of A Preference-Based Quality Of Life Measure To Capture The Impact Of Post-Partum Depression On Children.*
- Celina Boothby Master's student, Department of Medicine, Cumming School of Medicine (2016-2018). *Cardiovascular Disease and Intimacy: a Mixed Methods Evaluation of Relationship Quality after Acute Coronary Syndrome.*
- Chance Dumaine Master's student, Department of Medicine, Cumming School of Medicine (2016-2018). *Improving Home Hemodialysis in Southern Alberta.*
- Kent Bastell Master's student, Department of Medicine, Cumming School of Medicine (2014-2017). *Assessment of the Health-related Quality of Life in Diabetes.*
- Laura Sevick Master's student, Department of Community Health Sciences, University of Calgary (2014-2017). *An economic evaluation of a web-based discharge communication tool.*

Undergraduate Honour Students Supervision:

- Andrea Djokovic Bachelor of Health Sciences Student, Honour's Thesis. University of Calgary (2017-2018). *Developing patient-centred care indicators: an exploration of healthcare providers' views.*
- Lisa Goodman Bachelor of Health Sciences Student, Honour's Thesis. University of Calgary (2016-2017) *A scoping review of grey literature for patient-centred quality indicators: comparison of patient partner and researcher results*
- Courtenay Farrington Bachelor of Health Sciences Student, Honour's Thesis. University of Calgary (2014-2015). *Comparative Human Factors and Technical Assessment of Emergency Care Wireless and Tethered Monitor/Defibrillators*
- Chloe de Grood Bachelor of Health Sciences Student, Honour's Thesis University of Calgary (2012-2015). *Physicians Perceptions about Improving Transitions of Care From Hospital to Community*

Summer Student Supervision:

- Sadia Ahmed Bachelor of Health Sciences Student, Honour's Thesis
Scoping review - Ethno-cultural centric indicators in healthcare
Awards: Markin USRP Award-Summer Scholarship (2017)
- Tina Guo BSc student, University of Calgary (2015-2016)
*Systematic review of case definitions for Cardiovascular Disease
Environmental Scan for Quality Indicators Used to Measure Patient-
Centred Care in Canada, the UK, Australia, New Zealand, and Sweden*
Awards: Markin USRP Award-Summer Scholarship (2015)
PURE Summer Scholarship
- Sophia Sun BN student, University of Calgary (2015)
Systematic review of case definitions for Cardiovascular Disease
- Leoni Tesorero BSc student, University of Calgary (2015)
Awards: Alberta Innovates Health Solutions Summer scholarship
An Understanding of the Role of Dimensions of Social Vulnerability

Thesis External Examiner

- Meg Lunney PhD student. Department of Community Health Sciences, University of Calgary (April 16, 2018). Chairing the exam.
- Kathryn May Kenny Master's student, Department of Paediatrics, University of Calgary (August 24, 2017). *The Third Sex – A Study of Distress in Physicians.*
- Elena Lopatina Master's student, Department of Community Health Sciences, University of Calgary (October 4, 2016). *Considerations in the Economic Evaluation of Advanced Practice Nursing Roles.*

iii. Research Mentorship/Advisor

I have mentor numerous students and trainees, including pharmacists students and pharmacy trainees, and at mentoring events supported by international organizations (International Society for Quality of Life Research). Examples of most recent mentoring activities include students:

- Celina Boothby MSc student, Community Health Sciences, University of Calgary (2017)
Cardiovascular disease and intimacy: A mixed methods evaluation of relationship health after acute coronary syndrome
- Jennifer Bon-Bernard MSc student, Community Health Sciences, University of Calgary (2016)
Assessing Breastfeeding practices in Alberta

Kathleen Grindod-

Millar	MSc student, Community Health Sciences, University of Calgary, Calgary (2016-present). <i>Evaluating the User Experience (UX) of Clinicians and Patients Using a Mobile App to Navigate Complex Liver Cancer Treatment Protocols</i>
Kim Manalili	Research Associate, MPH, University of Calgary (2015-present) <i>Developing ethnic-sensitive patient-centred quality indicators</i>
Rachel Jolley	Research Associate MSc, University of Calgary, (2015-present) <i>Developing Patient-centred quality indicators</i>
Lotte Haverman	PhD, Emma Children hospital, Amsterdam (2013-present), <i>Using PRO's in pediatric clinical care</i>

VII. LEADERSHIP-ADMINISTRATIVE RESPONSIBILITIES

Since 2014 until 2017 I was the Associate Director for the Alberta Strategy for Patient-Oriented Research Support (SPOR) Methods & Development Platform, I provided leadership in supporting the goals of Alberta SPOR in supporting researchers and developing their capacity in research methods that are patient-oriented. I supported the Platform lead in the management of the Methods Support and Development Team and identified opportunities to collaborate with other platforms and draw upon the expertise of the Methods Hub members. As well, I participated in specialized SPOR committees/working groups, such as the Sustainability committee and Summer Institute for Patient-Oriented Research (2014-2016).

My leadership position as the Director for the Methods Hub (www.themethodshub.com), at the O'Brien Institute for Public Health, at the University of Calgary involves working with the team in providing strategic direction - assisting in developing key collaborations and partnerships, themes for our work, opportunities for capacity development, and leading the management of the Methods Hub operations.

As Associate Director for the Methods Hub (www.themethodshub.com), at the O'Brien Institute for Public Health, at the University of Calgary involves working with Dr. Hude Quan supporting the team.

My leadership position as Deputy Chief Pharmacist, Parkside Hospital, London, UK (www.parkside-hospital.co.uk), included the development of the service, collaboration with the rest of the departments to ensure high quality of care provided to patients. The Senior Pharmacist position at Kingston Hospital, London, UK (www.kingstonhospital.nhs.uk/) entitled teaching responsibilities as well as research collaboration while providing high quality of care to patients. As a community Pharmacist Manager, Boots the Chemist, London UK (www.boots.com) my responsibilities were administrative, including personnel and financial management as well as providing teaching to residents in pharmacy.

VIII. COLLABORATION ACTIVITIES

i. International Collaborations

2017 –Present	Diabetes international working group. International Consortium for Health Outcomes Measurement (ICHOM). An international collaboration to define a minimum standard set of outcomes we recommend all providers should track to understand and improve health outcomes they are achieving for their patients with Diabetes. This set should be standardized to whatever degree possible to enable benchmarking and international comparison.
2017- present	Pan-American Health Organization (PAHO). Member of the task force developing clinical indicators for hypertension. This is an international team of latin-american countries with collaborators in other countries like Canada and US. The outcomes of this collaboration includes two products, a publication in an international peer-reviewed journal and the clinical indicators ready to implement to improve hypertension control.
2016-Present	Comparison of the use of Patient-reported Measures in Canada, UK, and Netherlands. Several discussions and forums addressing the challenges and opportunities to use PROs at individual and system level
2015-Present	User’s guide to implementing Patient-reported Outcome Measures in clinical practice (I-PROP) supplement: a case study exploration of current status ongoing challenges and growing opportunities. This collaboration is supported by ISOQOL, involves researchers from UK, USA, Canada, Netherlands
2015	International Forum (Fall 2015). Measuring Patient-Centred Care: International Experiences. In collaboration with the University of Calgary, Oxford University, Exeter University, Maastricht University, and the Emma Children’s Hospital (Amsterdam). Hosted by the Methods Hub. Sponsored by the O’Brien Institute for Public Health, Alberta Children’s Hospital Research Institute, and the Svare Chair for Health Economics.
2014 - 2016	The Role of Patient Engagement in Patient Safety in Primary Care. Supported by the World Health Organization.
2014	An update of the previously developed guidelines. “Development of User’s Guide” ISOQOL-clinical practice special interest Group-task force. Available at http://www.isoqol.org/UserFiles/file/UsersGuide.pdf
2012 – 2013	Founding the Patient Engagement special interest group with the International Society for Quality of Life Research.
2012 - Present	Development of electronic patient-centred care planning tool. This project was supported by Canadian Institute of Health Research, Alberta Innovates Health Solutions and includes national (Dr. Alan Forster) and

international (Dr. David Bates) investigators.

- 2012 - Present Training Clinicians In How To Use Patient Reported Outcome Measures In Routine Clinical Care. Our international team from UK, Netherlands, Canada and US that describe several programs training clinicians to use PROs in routine clinical practice of chronically ill patients, illustrating both successes and obstacles
- 2012-2013 International collaboration to describes the steps for assuring rigor and adequate patient representation when using patient-reported outcome (PRO) performance measures. Available at: www.qualityforum.org/docs/measure_evaluation_criteria.aspx.
- 2012-2013 Development of KT end-of-program with the goal of developing a tool to facilitate a dynamic process of ongoing integrated periodic re-evaluation, revision, implementation of the quality indicators by researchers and knowledge users. The website usability and clinical use is evaluated by trauma centers in Canada, US, Australia and New Zealand
www.qualitytraumacare.com/newsite
- 2011-12 Development of Quality Indicators for Adult Trauma Care International Panel including: US, Canada, Australia and New Zealand
- 2011 International Society for Quality of Life, clinical practice special interest group-task force- “Development of User’s Guide” available at <http://www.isoqol.org/UserFiles/file/UsersGuide.pdf>
- 2011 International Society for Quality of Life Advisory Task Force for PCORI initiative entitled “ Enhancing the patient’s voice: standards in the design and selection of patient-reported outcomes measures for use in patient centered outcomes research”

ii. National and Provincial Collaborations

- 2017 Member of the working group Healthcare 101, a provincial project aiming to engage with citizens in Alberta, to better understand what is important to them – what areas of the health system they need to better understand and navigate their own health and the health of others.
- 2017 Under the National Strategy for Patient-Oriented Research, we have created a national list of experts that can be reached for consultation and advice across Canada. <http://www.aihealthsolutions.ca/initiatives-partnerships/spor/methods-support-development-platform/spor-patient-reported-experience-measurement-prem-and-patient-reported-outcome-measurement-prom-national-contact-list/>

- 2016- Present Developing Patient-centred quality indicators- A national project in collaboration with the Canadian Institute for Health Information (CIHI), Health Quality Ontario (HQO), Ministry of British Columbia (BC) and Alberta Health Services (AHS). Led by Maria J. Santana in collaboration with Kira Leeb (CIHI), Susan Brien (HQO), Lena Cuthbertsone (BC) and Verna Yu (AHS).
- 2016 – Present Developing Patient-centred quality indicators that are ethnically sensitive a provincial project in collaboration with Patient First Strategy-Alberta Health Services (AHS) and the Ethno-cultural council centre (ECCC) to develop a set of metrics that matters to patients. Led by Maria J. Santana in collaboration with Jennifer Rees (AHS) and Vic Lantion (ECCC).
- 2016 – Present P²RECISE – People to Population Research in Cardiovascular Health. A provincial program involving clinicians and academics from the two cardiovascular centres in Alberta (Mazankowski Heart Institute and Libin Cardiovascular Institute of Alberta) to improve cardiovascular health.
- 2016 – Present EMPATHY – Evaluation of routinely measured patient-reported outcomes in hemodialysis care. A national initiative including clinicians, patient partners and researchers from British Columbia, Alberta and Ontario.
- 2016 – Present Patient-centred care program-’Changing culture in a Medical Teaching Unit: one step at the time” This is a provincial collaboration involving patients, family representatives, healthcare providers and Alberta Health Service managers. The objective is to explore a patient-centric initiative that is feasible to implement in acute care facilities. Lead by Dr. Rahim Kachra, Collaborator: Dr. Nishan Sharma.
- 2016 – Present Patient-reported outcome measures use in clinical practice within paediatric transplantation. Collaboration with Dr. Samantha Anthony, from The Hospital for Sick Kids in Toronto.
- 2014 – Present Integrating quality of life assessment and practice support system in palliative homecare. A project lead by Dr. Sawatzky in collaboration with the Canadian virtual hospice and supported by the Canadian hospice palliative association.
- 2014 Forum Meeting Fall 2014- Institute of Public Health, University of Calgary Measuring Patient-centred Care: a Planning Meeting to Improve Standardization and Implementation of Patient-Reported Outcome and Experience Measures in Canada Collaboration with academics at both Trinity University and University of British Columbia, and the Ministry of Health BC.

- 2014-2015 Task force to develop a series of publication that will be included in a special issue of the Patient Journal, Patient Engagement in Research. The task force includes academics and patients from across the province of Alberta.
- 2014 Task force to develop a series of publication that will be included in a special issue of the Journal of Clinical Epidemiology, The Patient Voice. The task force includes researchers from across Canada, including McGill University, University of British Columbia and University of Calgary.
- 2014 Provincial-Multisite project including The University of Alberta and University of Calgary. Leader: Dr. MJ Santana, collaborators: Dr. D. Lien and Dr. M. Thakrar. Assessing the Effects of Iyengar Yoga Practice I Patients with Pulmonary Arterial Hypertension.
- 2014 National-Multisite Randomized Clinical Trial. A randomized trial comparing catheters to fistulas in elderly patients starting dialysis. Centres included Southern Alberta Renal Program, Calgary, Alberta; Northern Alberta Renal Program, Edmonton, Alberta; Sunnybrook Health Sciences Centre, Toronto, Ontario; The Ottawa Hospital, Ottawa, Ontario; London Health Sciences Centre, London, Ontario. Lead Dr. Robert Quinn.
- 2014 –Present Provincial collaboration- Leader: Dr. S. Pendharkar. Evaluation of a Fast-Track Respiratory Therapy Clinic for Patients with Suspected Severe Sleep-Disordered Breathing.
- 2013 – Present Provincial collaboration- Lead by Dr. William Ghali. “Assessing the efficacy of a web-based discharge summary”. A randomized controlled clinical trial that brought together stakeholders from Alberta Health Services, physicians (primary care and acute care), other healthcare providers and researchers, to develop an electronic communication tool to enhance communication between acute and community care via the electronic discharge summary. This project also involved the national collaboration of Dr. Alan Forster from Ottawa.

IX. PROFESSIONAL ACTIVITIES

i. Membership in professional and learned societies

- 2014 – 2017 Member of the Canadian Association for Health Services Research and Policy (CAHSPR)
- 2011 – 2014 Member of the Trauma Association of Canada (TAC)

- 2008 – 2011 Member of the International Society of Heart and Lung Transplantation
- 2005- to present Member of the International Society of Quality of Life (ISOQOL)
- 1991 – to present Member of the Royal Pharmaceutical Society of Great Britain

ii. Professional Service

- 2016 Co-Chair - Education program- International Society for Quality of Life and Research
- 2015 – Present Member of the Cumming School of Medicine Council, University of Calgary
- 2014 – Present Patient Outcomes Lead, The Methods Hub, University of Calgary
- 2014 Member Scientific Program Committee, International Society for Quality of Life, Annual Conference, Berlin, Germany
- 2013 – Present Founding member of the Patient Engagement Special Interest Group, International Society for Quality of Life
- 2013 Member Scientific Program Committee, International Society for Quality of Life, Annual Conference, Miami, FL
- 2014 – Present Co-chair, The W21C Research and Innovation Centre Journal Club
- 2012 – 2014 Co-chair, The Health Collaborative Research team, Department of Community Health Science. University of Calgary
- 2012 – Present Member, Leadership team, W21C Research and Innovation Centre
- 2011 Founding Member, Royal Pharmaceutical Society of Great Britain, New Chapter 2010
- 2011– 2014 Member, Board of Directors International Society for Quality of Life
- 2011 Member Scientific Program Committee, International Society for Quality of Life, Annual Conference, Denver, USA
- 2009- 2011 Chair Clinical Practice Special Interest Group International Society for Quality of Life
- 2009 – 2011 Committee member, Health-related quality of life, International Society Heart and Lung Transplantation

Journal reviews

Associate editor – Journal of Patient-reported Outcomes (JPRO)
British Medical Journal
PlosOne
Annals of Surgery
Pediatrics
Quality of Life Research
Journal of American Medical Association
Psycho-Oncology
Journal of Multidisciplinary Healthcare

Conference Abstract reviews

Canadian Association Health Service Policy Research (CAHSPR)
International Society for Quality of Life annual meetings
Trauma Association of Canada
International Society Heart and Lung Transplantation

Grant Review Committees

2018 Cumming School of Medicine Internal Peer Review
2017 Canadian Institutes for Health Research (CIHR)
2016 O'Brien Institute for Public Health Internal Peer Review
2016 Campus Alberta Health Outcomes and Public Health
2015 PSI Foundation
2014 Birmingham Women's NHS Foundation Trust, University of Birmingham, UK
2014 Dutch Cancer Society Grant

Scholarship Review Committees

2017 –Present Department Community Health Sciences Scholarships Awards Committee
2016 –Present Department Community Health Sciences Scholarships Awards Committee

Awards

2018 Innovation Award, Department of Pediatrics, Cumming School of Medicine.
Integration of Patient-reported Outcomes in Pediatric Care: The KidsPRO.

2015 International Society of Quality of Life (ISOQOL) Annual Conference
Vancouver, Canada. Nominated Paper of the Year *A Framework to Assess the Effects of Patient-reported Outcomes in Clinical Care*

- 2014 International Society of Quality of Life (ISOQOL)-Annual Conference, Berlin, Germany. Best Poster Award. *Building New Relationships in Research: A model of Patient Engagement Research*
- 2013 Astech Foundation Societal Impact Award. Ward of the 21st Century Psychiatric Rehabilitation, Chichester Health Authority, UK. Best Multidisciplinary Team Award
- 1987 Department of Public Health, Madrid, Spain- Public Health Project of the Year

X. RESEARCH SUPPORT

(Principal Investigator unless otherwise indicated)

1. *Including Patient Voice in Healthcare System Performance: Development of Patient-Centred Care Indicators*

Nominated Principal Investigator: Maria J. Santana
Funding: \$252,000
Funding Source: Canadian Institutes of Health Research
Years: 2018-2021

2. *Patient-reported Experiences Drive Healthcare System Improvement*

Principal Investigators: Maria J. Santana & Hude Quan
Funding: \$20,000
Funding Source: Seed Funding Western Canadian Universities
Years: 2017-2018

3. *Including Patient Voice in Healthcare System Performance: Development of Patient-Centred Care Indicators*

Principal Investigator: Maria J. Santana
Funding: \$25,000
Funding Source: Bridge Funding Cumming School of Medicine
Years: 2017-2018

4. *Measuring what Matters: Integrating Patient-Reported Outcomes into Clinical Practice - A Consensus Conference*

Principal Investigators: Samantha Anthony
Maria J. Santana
Funding: \$25,000
Funding Source: SPOR - Canadian Institutes of Health Research
Years: 2017-2019

5. ***Working Together to Improve Cardiovascular Health***

Principal Investigator: Maria J. Santana

Funding: Matching funding to \$25,000 from CIHR (see point 2)
Funding Sources: Cumming School of Medicine, University of Calgary
Years: 2017-2018

6. ***Working Together to Improve Cardiovascular Health***

Principal Investigator: Maria J. Santana

Funding: \$25,000
Funding Sources: SPOR - Canadian Institutes of Health Research
Years: 2017-201

7. ***Measuring What Matters: Integrating Patient-reported Outcomes into Clinical Practice***

Principal Investigator: Samantha Anthony
Maria J. Santana
Funding: \$25,000
Funding Source: Canadian National Transplant Research Program Sickkids
Research Innovation Grant
Years: 2017-2019

8. ***Working Together to Improve Diabetes Health***

Principal Investigator: Maria J. Santana
Sonia Butalia
Funding: \$10,000
Funding Sources: SCN - Alberta Health Services
Years: 2017-2018

9. ***e Health Outcomes Improvement (HOI) Funding Opportunity offered by the Maternal, Newborn, Child and Youth Strategic Clinical Network***

Principal Investigator: Brenda Leung
Co-Investigator: Maria J Santana
Funding: \$48,535
Funding Sources: MNCY SCN
Years: 2017-2019

10. ***Measuring Healthcare System Performance: Development of Patient-Centred Care Indicators***

Principal Investigator: Maria J Santana
Co-Investigators: Quan H, Jette, N, Lashewicz B, Sajobi T, Yiu V et al.
Funding: \$98,000
Funding Sources: MSI Foundation
Years: 2016-2018

11. ***Developing Patient-Centred Quality Indicators Informed by Patient Experiences***
Principal Investigator: Maria J Santana
Co-Investigators: Lashewicz B, Zelinsky S, Manalili K
Funding: \$25,000
Funding Sources: O'Brien Institute for Public Health-Catalyst Grant
Years: 2016

12. ***Integrating a quality of life assessment and practice support system in home care services for older adults with life-limiting illness and their families***
Principal Investigator: Rick Sawatzky
Co-Investigator: Maria J Santana and others
Funding: \$735,139
Funding Sources: CIHR- eHealth Innovation Partnership Program (eHIPP)- Seniors with Complex Care Need
Years: 2015-2019

13. ***Social determinants of post-discharge readmissions, emergency department visits, and mortality in medical inpatients***
Principal Investigator: William Ghali, Richard Musto
Co-Investigator: Maria J Santana and others
Funding: \$285,000
Funding Sources: CIHR- Partnerships for Health System Improvement (PHSI)
Years: June 2016- May 2018

14. ***Social Determinants of Readmission***
Principal Investigator: William Ghali
Co-Investigator: Maria J Santana, Karen Tang and others
Funding: \$40,000
Funding Sources: University of Calgary Bridge Funding Program – (competitively ranked for CIHR)
Years: July 2015- June 2016

15. ***The ACCESS trial: A randomized trial Comparing Catheters to Fistulas in Elderly patients starting dialysis***
Principal Investigator: Rob Quinn, Pietro Ravani
Co-Investigator: Maria J Santana et al.
Funding: \$265,212
Funding Sources: CIHR- Open Operating Grants Competition
Years: July 2015-December 2017

16. ***Novel Statistical Methods for Patient-Reported Outcomes***
Principal Investigator: Tolu Sajobi
Co-Investigator: Maria Santana
Funding: \$25,000
Funding Sources: University of Calgary Seed Grant

Years: 2015-2016

17. *Measuring Patient-centred Care: a Planning Meeting to Improve Standardization and Implementation of Patient-Reported Outcome and Experience Measures in Canada*

Principal Investigator: Maria J Santana
Co-Investigator: Hude Quan
Funding: \$3,600
Funding Sources: Alberta Innovates Health Solutions Conference Grant
Years: November 2014

18. *Measuring patient-centred care: A planning meeting to explore standardization and implementation of patient reported outcome and experience measures in Canada*

Principal Investigator: Maria J Santana
Co-Investigator: Danielle Southern, Hude Quan
Funding: \$5,000
Funding Sources: Campus Alberta Health Outcomes and Public Health Networking Funding
Years: 2014

19. *W21C: Interdisciplinary Research and Innovation for Health System Quality and Safety*

Principal Investigator: William Ghali
Co-Investigator: Stelfox HT, Conly JM
Collaborator: Maria J Santana
Funding: \$4,700,000
Funding Sources: Alberta Innovates – Health Solutions- CRIO Team Grant
Years: 2013-2018

20. *A randomized control trial comparing arteriovenous fistulas to central venous catheters for vascular access in incident*

Principal Investigator: Robert Quinn
Co-Investigator: Maria J Santana, Pietro Ravani
Funding: \$96,876
Funding Sources: CIHR
Year: 2013

21. *Evaluation of a website tool to aid the integrated knowledge translation for Injury quality improvement*

Principal Investigator: Dr. Tom Stelfox
Co-Investigator: Maria J Santana and others
Funding: \$28,987
Funding Sources: AIHS- Knowledge to action grant
Years: 2013

22. *Evaluation of a “Fast Track” Respiratory Therapy Clinic for Patients with Suspected Severe Sleep-Disordered Breathing*

Principal Investigator: Sachin Pendharkar
Co-Investigator: Maria Santana and others

Funding: \$30,000
Funding Sources: Canadian Lung Association/Thoracic Network of Alberta
and Northwest Territories National Grant
Years: July 2014- June 2016

23. *Iterative development of a patient-centred care planning e-tool*

Principal Investigator: William Ghali, Peter Sargious
Co-Investigator: Maria Santana,
Funding: \$38,950
Funding Sources: National Sciences and Engineering Research Council -
HSITE Project Grant
Years: 2013-2014

24. *Assessment of the effects of Iyengar yoga practice on the health-related quality of life in patients with pulmonary arterial hypertension: a multi-centre randomized clinical trial*

Principal Investigator: Dale C. Lien
Co-Investigator: Maria Santana
Funding: \$30,000
Funding Sources: Actelion Pharmaceuticals Canada Inc
Years: 2013-2014

25. *Assessing the Impact of an Electronic Transfer of Care Tool in the Elderly Population*

Principal Investigator: William A. Ghali
Co-Investigator: Maria J Santana
Funding: \$8500
Funding Sources: Brenda Stafford Foundation Grant
Years: 2013-2014

26. *Developing a patient and family-Centered Approach for Measuring the Quality of Trauma Care*

Principal Investigator: Tom Stelfox, Sharon Straus, John Tallon
Co-Investigator: Maria J Santana and others
Funding: \$345,372
Funding Sources: CIHR-Partnerships for Health System Improvement (PHSI)
Years: April 2011- March 2014

27. *Pilot Evaluation of Quality Indicators to Measure the Care of Adults with Major Traumatic Injuries*

Principal Investigator: Tom Stelfox
Co-Investigator: Maria J Santana
Funding: \$29,400
Funding Sources: CIHR- Knowledge Translation
Years: 2012-2013

28. *An Assessment of the Effects of Iyengar Yoga on the Health-related Quality of Life of Patients with Pulmonary Arterial Hypertension: A Pilot Study*

Principal Investigator: Dale Liens
Co-Investigator: Maria J Santana
Funding: \$25,000
Funding Sources: Pfizer Canada Inc.
Years: 2010-2011

29. *Improvement in health-related quality of life (HRQL) post-lung transplantation*

Principal Investigator: Dale Lien
Co-Investigator: Maria J Santana and othes
Funding: \$25,000
Funding Sources: Roche Limited
Years: 2007-2009

30. *Introducing measures of HRQL in routine clinical care of lung transplant patients*

Principal Investigator: Dale Lien
Co-Investigator: Maria J Santana and others
Funding: \$ 20,000
Funding Sources: Transplant program, University of Alberta Hospital
Years: 2007-2008

31. *Assessing the use of health-related quality of life measures in routine clinical care*

Principal Investigator: David Feeny
Co-Investigator: Maria J Santana and others
Funding: \$ 50,000
Funding Sources: Fellows Program, Institute of Health Economics
Years: 2005-2009

XI. PUBLICATIONS

i. Peer-reviewed Journal Articles (N=45)

** denotes trainees; **Patient partner*

2018

1. Kemp KA, Ahmed S, Quan H, Johnson DW, **Santana MJ**. Family Experiences of Pediatric Inpatient Care in Alberta, Canada: Results from the Child HCAHPS. Hospital Pediatrics, Accepted, In-press.
2. SajobiTT, Wang M, Awosoga O, **Santana M**, Southern D, Liang Z, Galbraith D, Wilton SB, Quan H, Graham MM, James MT, Ghali WA, Knudtson ML, Norris C, for the APPROACH investigators. Trajectories of health-related quality of life in coronary artery disease. Circ Cardiovasc Qual Outcomes 2018; e003661

3. Doktorchik C*, Manalili K*, Jolley R, Gibbons E, Cuthbertson L, Brien S, Ho B, Quan H, Zelinsky S**, **Santana MJ**. Identifying Patient-Centred Quality Indicators: An Environmental Scan of Global Healthcare Quality Improvement Experts. *BMJ open*.

Submitted

1. Siad FM*, Fang XY, **Santana MJ**, Butalia S, Hebert MA, Rabi DM. Understanding the Experiences of East African Immigrant Women with Gestational Diabetes Mellitus. *Canadian Journal of Diabetes*. 2017. Manuscript Submission Number CJD_2017_27.
2. Sajobi TT, Wang M, Awosoga O, **Santana MJ**, Southern DA, Liang Z, Wilton S, James M, Ghali WA, Norris C. (2017). Trajectories of Health Related Quality of Life in Coronary Artery Disease. *Circulation: Cardiovascular Quality and Outcomes*. *Circulation: Cardiovascular Quality and Outcomes*. *In-press*
3. Kent M. Bastell, Gary S. Goldfield, **Maria Santana**, Glen P. Kenny, Heather E. Tulloch, Bruce A. Perkins, Michael C. Riddell, Stasia Hadjiyannakis, Lois Donovan; Alun L. Edwards, Denis Prud'homme, Janine Malcolm, Steve Doucette, Penny Phillips⁵; Vincent C. Woo, Ronald J. Sigal. The Effects of Resistance Training on Health-Related Quality of Life (HRQOL) in Already-Aerobically-Active People with Type 1 Diabetes: the READI Trial. *JDiabetes*
4. Norm RC Campbell, Pedro Ordunez, Donald J DiPette, Gloria Giraldo, Sonia Angell, Marc Jaffe, Dan Lackland, Ramón Martinez, Javier Maldonado, Melanie Paccot, **Maria Santana**, Yamilé Valdez, Paul Whelton. A new Pan American Health Organization (PAHO) – World Hypertension League (WHL) Hypertension Monitoring and Evaluation Framework to aid Hypertension Control Programs. Submitted to the JCH

Under Review

1. **Santana MJ**, Ahmed S*, Jolley RJ*, Lorenzetti D, Manlili K*, Lu M, Quan H. A scoping review study to identify patient-centred quality indicators. *BMJ 2017*
2. **Santana MJ**, Sawatzky R. How Canada measures patient-centred care. *Submitted CMAJopen*.

3. Sajobi TT, Awosoga O, Liang Z, Southern DA, James M, Wilton SB, **Santana MJ**, Lix LM, Norris C. Measurement Equivalence of the Seattle Angina Questionnaire in Coronary Artery Disease. *Cardiovascular Quality and Outcomes*. *Under Review*
4. Zelinsky S**, Hylton C**, **Santana MJ**. Pathways through chronic illness: what matters to patients? *Journal of Clinical Epidemiology*. *Under review*.

2017

5. **Santana MJ**, Jolley RJ, Manalili K*, Lorenzetti D, Quan H, Lu M. How to practice person-centred care: a conceptual framework. *Health Expectations* 2017. DOI: 10.1111/hex.12640
6. **Santana MJ**, Holroyd-Leduc J, Southern DA, O’Bierne M, Flemons W, Hill M, White D, Foster A, Ghali WA (2017). A randomized controlled trial assessing the efficacy of an electronic discharge Communication tool for preventing death or hospital readmission. *BMJ Qual & Safety*. bmjqs-2017-006635. doi: 10.1136/bmjqs-2017-006635.
7. Kemp K*, Quan H, **Santana MJ**. Lack of Patient Involvement in Care Decisions and not Receiving Written Discharge Instructions are Associated with Unplanned Readmissions up to One Year. *Journal of Patient Experience* 2017; 2(4):13-24. Available at: <http://pxjournal.org/journal/vol4/iss2/4>.
8. Noonan VK, Lyddiatt A**, Ware P, Jaglal SP, Riopelle RJ, O Bingham C, Figueiredo S, Sawatzky R, **Santana MJ**, Bartlett SJ, Ahmed S. Factors to Consider When Incorporating Patient-Reported Outcomes to Support Decision-Making and Self-Management. *Journal of Clinical Epidemiology* 2017. DOI: <http://dx.doi.org/10.1016/j.jclinepi.2017.04.017>
9. Bobrovitz N*, **Santana MJ**, Boyd J, Kline T, *et al*. Short form version of the Quality of Trauma Care Patient-Reported Experience Measure (SF QTAC-PREM). *BMC Res Notes* (2017) 10:693.
10. Ip-Buting A, Kelly J, **Santana MJ**, Penz ED, Flemons WW, Tsai WH, Fraser KL, Hanly PJ, **Pendharkar SC**. Evaluation of an alternative care provider clinic for severe sleep-disordered breathing: a study protocol for a randomised controlled trial. *BMJ Open*. 2017; 7(3): e014012. doi: 10.1136/bmjopen-2016-014012

11. Savik L*, **Santana MJ**, Ghali WA, Clement F. Prospective Economic Evaluation of an Electronic Discharge Communication Tool: Analysis of a Randomized Control Trial. *BMJ open*. 2017

2016

5. Savik L*, Esmail R, Tang K, Lorenzetti D, Ronksley P, James MT, **Santana MJ**, Ghali WA, Clement F. A Systematic Review of the Cost and Cost-Effectiveness of Electronic Discharge Communications. *BMJ open* -2016-014722.
6. Kemp KA*, Quan H, **Santana MJ**. Older Adult's experiences with hospital discharge communication in Canada and abroad: results from the 2014 Common Wealth Fund International Health Policy Survey to healthcare policy. *Health Policy* 2016.
7. Jolley RJ, Lorenzetti D, Manlili K, Lu M, Quan H, **Santana MJ**. A protocol for a scoping review study to identify patient-centred quality indicators. *BMJ Open* 2017 Jan 5;7(1):e013632. doi: 10.1136/bmjopen-2016-013632.
8. Pendharkar SR, Ip-Buting A, **Santana MJ**, Tsai WT, Fraser F, Hanly PJ, Flemons W. Evaluation of "Fast Track" alternative care provider clinic for severe disordered breathing a study protocol for a randomized controlled trial. *BMJ open*-2016-014012.
9. Okoniewska BM*, **Santana MJ**, Holroyd-Leduc J, Flemons W, O'Beirne M, White D, Clement F, Forster A, Ghali WA. A framework to assess patient-reported adverse outcomes arising during hospitalization. *BMC Health Services Research* 2016; 16:357.
10. de Grood C*, Raissi A, Kwon Y, **Santana, MJ**. Adoption of e-Health Technology by Physicians: a Scoping Review. *Journal of Multidisciplinary Healthcare* 2016. 9;1-10.

2015

11. Kemp KA*, McCorMack B, Chan N, Quan H, **Santana MJ**. Correlation of inpatient experience survey items and domains with overall hospital rating. *Journal of Patient Experience*. *Journal of Patient Experience* 2015;2(2):29-36.
12. Kemp KA*, Warren SA, Chan N, McCormack B, **Santana MJ**, Quan H. Qualitative complaints and their relation to overall hospital rating using an H-CAHPS-derived instrument. *BMJ Quality & Safety* 2015;25(10):770-7.
13. Wong H, Eso K, Ip A, Jones J, Kwon Y, Powelson S, **Santana MJ**, de Grood J, Geransar R,

- Joffe M, Taylor G, Missaghi B, Pearce C, Ghali W, Conly J. Use of ward closure to control outbreaks among hospitalized patients in acute care settings: A systematic review. *Syst Rev.* 2015; 4: 152. Doi:10.1186/s13643-015-0131-2
14. **Santana MJ**, Haverman L, Absolom K, Feeny D, Grootenhuis MA, Takeuchi E, Velikova G. Training clinicians in how to use patient reported outcome Measures in routine clinical care. *Qual Life Res.* 2015;24(7):1707-18.
 15. de Grood C*, Eso K, **Santana MJ**. Physicians' experience adopting the electronic transfer of care communication tool: barriers and opportunities. *J Multidisciplinary Healthcare.* 2015; 8: 21–31.
 16. Bobrovitz N*, **Santana MJ**, Kline T, Kortbeek J, Stelfox HT. The use of cognitive interviews to revise the Quality of Trauma Care Patient-Reported Experience Measure (QTAC-PREM). *Qual Life Res.* 2015;24(8):1911-9.
 17. Okoniewska B*, **Santana MJ**, Grosshous H, Stajkovic S, Cowles J, Charkrovorty, Ghali WA. Barriers to discharge in an acute care medical teaching unit: a qualitative analysis of health providers' perceptions. *J Multidiscip Healthc.* 2015;8:83-9.
 18. Haywood K, Brett Jo, Salek S, Marlett N, Penman C**, Shklarov S, Norris C, **Santana MJ**, Staniszewska S. Patient and public engagement in health-related quality of life and patient-reported outcomes research: what is important and why should we care? Findings from the first ISOQOL patient engagement symposium. *Qual Life Res.* 2015;24(5):1069-76.
 19. Marlett N, Shklarov S, Marshall D, **Santana MJ**, Wasylak T. Building New Relationships in Research: A Model of Patient Engagement Research. *Qual Life Res.* 2015;24(5):1057-67.
 20. **Santana MJ**, Holroyd-Leduc J, Flemons W, O'Beirne M, White D, Clayden N, Forster, AJ Ghali WA,. (2014). The Seamless Transfer-of-Care: a Pilot Study assessing the usability of an electronic transfer-of care communication tool. *American Journal of Medical Quality.*29 (6): 476-83.

2014

21. **Santana MJ**, Feeny D. Framework to assess the effects of using patient-reported outcome measures in chronic care management. *Qual Life Res.* 2014 Jun;23(5):1505-13.
22. **Santana MJ**, Holroyd-Leduc J, Flemons WW, O'Beirne M, White D, Clayden N, Forster AJ, Ghali WA. The seamless transfer of care: a pilot study assessing the usability of an

electronic Transfer of care communication tool. *Am J Med Qual.* 2014;29(6):476-83.

23. **Santana MJ**, Stelfox HT; Trauma Quality Indicator Consensus Panel. Development and evaluation of evidence-informed quality indicators for adult injury care. *Ann Surg.* 2014;259(1):186-92.

2013

24. **Santana MJ**, S-Parrilla J, Mirus J, Loadman M, Lien DC, Feeny D. An assessment of the effects of Iyengar yoga practice on the health-related quality of life of patients with chronic respiratory diseases: a pilot study. *Can Respir J.* 2013;20(2):e17-23.
25. Cooper CG*, **Santana MJ**, Stelfox HT. A Comparison of Quality Improvement Practices at Adult and Pediatric Trauma Centers. *Pediatr Crit Care Med.* 2013;14(8):e365-71.
26. Bobrovitz N*, Parrilla JS, **Santana MJ**, Straus SE, Stelfox HT. A qualitative analysis of a consensus process to develop quality indicators of injury care. *Implement Sci.* 2013; 18;8:45.
27. Bobrovitz N*, **Santana MJ**, Kline T, Kortbeek J, Stelfox HT. Prospective cohort study protocol to evaluate the validity and reliability of the Quality of Trauma Care Patient-Reported Experience Measure (QTAC-PREM). *BMC Health Serv Res.* 2013 Mar 14;13:98.
28. Au HJ, Eiermann W, Robert NJ, Pienkowski T, Crown J, Martin M, Pawlicki M, Chan A, Mackey J, Glaspy J, Pintér T, Liu MC, Fornander T, Sehdev S, Ferrero JM, Bée V, **Santana MJ**, Miller DP, Lalla D, Slamon DJ; Translational Research in Oncology BCIRG 006 Trial Investigators. Health-related quality of life with adjuvant docetaxel- and trastuzumab-based regimens in patients with node-positive and high-risk node-negative, HER2-positive early breast cancer: results from the BCIRG 006 Study. *Oncologist.* 2013;18(7):812-8.

2012

29. **Santana MJ**, Straus S, Gruen R, Stelfox HT. A qualitative study to identify opportunities for improving trauma quality improvement. *J Crit Care.* 2012;27(6):738.e1-7.
30. **Santana MJ**, Feeny D, Ghosh S, Lien DC. Patient-reported outcome 2 years after lung transplantation: does the underlying diagnosis matter? *Patient Relat Outcome Meas.* 2012;3:79-84.
31. **Santana MJ**, Stelfox HT. Quality indicators used by trauma centers for performance measurement. *J Trauma Acute Care Surg.* 2012;72(5):1298-302.

32. Okoniewska BM*, **Santana MJ**, Holroyd-Leduc J, Flemons W, O'Beirne M, White D, Clement F, Forster A, Ghali WA. The Seamless Transfer-of-Care Protocol: a randomized controlled trial assessing the efficacy of an electronic transfer-of-care communication tool. *BMC Health Serv Res.* 2012; 21(12):414.
33. Bobrovitz N*, **Santana MJ**, Ball CG, Kortbeek J, Stelfox HT. The development and testing of a survey to measure patient and family experiences with injury care. *J Trauma Acute Care Surg.* 2012;73(5):1332-9.
34. Stelfox HT, Khandwala F, Kirkpatrick AW, **Santana MJ**. Trauma center volume and quality improvement programs. *J Trauma Acute Care Surg.* 2012;72(4):962-7
35. Snyder CF, Aaronson NK, Choucair AK, Elliott TE, Greenhalgh J, Halyard MY, Hess R, Miller DM, Reeve BB, **Santana MJ**. Implementing patient-reported outcomes assessment in clinical practice: a review of the options and considerations. *Qual Life Res.* 2012;21(8):1305-14.

2010

36. **Santana MJ**, Feeny D, Weinkauff J, Nador R, Kapasi A, Jackson K, Schafenacker M, Zuk D, Lien D. The use of patient-reported outcomes become standard practice in the routine clinical care of lung-heart transplant patients. *Patient Relat Outcome Meas.* 2010;1:93-105
37. **Santana MJ**, Feeny D, Johnson JA, McAlister FA, Kim D, Weinkauff J, Lien DC. Assessing the use of Health-related quality of life measures in the routine Clinical care of lung transplant patients. *Qual Life Res.* 2010 Apr;19(3):371-9.
38. **Santana MJ**, Feeny D, Ghosh S, Nador RG, Weinkauff J, Jackson K, Schafenacker M, Zuk D, Hubert G, Lien D. The construct validity of the health utilities index mark 3 in assessing health status in lung transplantation. *Health Qual Life Outcomes.* 2010;28(8):110

2009

1. **Santana MJ**, Feeny D, Jackson K, Weinkauff J, Lien D. Improvement in health-related quality of life after transplantation. *Can Respir J.* 2009 Sep-Oct;16(5):153-8. PMID:19851533
2. **Santana MJ**, Feeny D. Using the health utilities index in routine clinical care: process, feasibility, and acceptability: a randomized controlled trial. *Patient.* 2009 Sep 1;2(3):159-67.

PMID:22273167

3. **Santana MJ**, Au HJ, Dharma-Wardene M, Hewitt JD, Dupere D, Hanson J, Ghosh S, Feeny D. Health-related quality of life measures in routine clinical care: can FACT-fatigue help to assess the management of fatigue in cancer patients? *Int J Technol Assess Health Care*. 2009 Jan; 25(1):90-6. PMID:19126256

ii. Peer-reviewed Book Chapters

1. **Santana MJ** (2013). Quality of Life in Lung Transplant Patients. Chapter In *Encyclopedia of Quality of Life and Well-Being Research*. Springer Netherlands

iii. Peer-reviewed Reports (N=5)

1. Norm RC Campbell, Pedro Ordunez, Donald J DiPette, Gloria Giraldo, Sonia Angell, Marc Jaffe, Dan Lackland, Ramón Martinez, Javier Maldonado, Melanie Paccot, **Maria J. Santana**, Yamilé Valdez, Paul Whelton. A new Pan American Health Organization (PAHO) – World Hypertension League (WHL) Hypertension Monitoring and Evaluation Framework to aid Hypertension Control Programs. 2017
2. Valderas JM, Ricci-Cabello I, Prasopa-Plaizier N, Wensing M, **Santana, MJ**, Kaitiritimba R, Vazquez Curiel E, Murphy M, deSilva D. Patient Engagement: Technical Series on Safer Primary Care. Geneva: World Health Organization; 2016. Licence: CC BY-NC-SA 3.0 IGO.
3. Ricci-Cabello I, Prasopa-Plaizier N, Wensing M, **Santana MJ**, Kaitiritimba R, Vazquez Curiel E, Gangannagaripalli J, Murphy M, Valderas JM. *Patient engagement for safer Primary Care: a roadmap for change*. Health Services & Policy Research Group, University of Exeter. 2017. ISBN 978-902746-37-5.
4. International Society for Quality of Life Research (prepared by Aaronson N, Choucair A, Elliott T, Greenhalgh J, Halyard M, Hess R, Miller D, Reeve B, **Santana MJ**, Snyder C). User's Guide to Implementing Patient-Reported Outcomes Assessment in Clinical Practice, Version: November 11, 2011. <http://www.isoqol.org/UserFiles/file/UsersGuide.pdf>
5. Institute of Health Economics (IHE) (Prepared by **Santana MJ** & Feeny D). The Importance of Measuring Health Related Quality of Life. September 01, 2008. <http://www.ihe.ca/publications/the-importance-of-measuring-health-related-quality-of-life>

iv. Non-Peer Reviewed Reports (N=8)

1. Southern D, Jolley RJ, **Santana, MJ**. The use of patient-reported measures in the province of Alberta, Canada: An Environmental Scan. The Methods Hub 2015. ISBN: 978-0-88953-389-9.
2. **Santana MJ**, Consoli A, Southern DA, Jolley RJ, Manalili K, Quan H. Measuring Patient-Centred Care: A planning meeting to explore standardization and implementation of patient-reported outcomes and experience measures in Canada. The Methods Hub 2015 ISBN: 978-0-88953-391-2.
3. **Santana MJ**. The New Patient Engagement Special Interest Group started with a Bang in Miami: The Inaugural Symposium. Quality of Life Quaterly. 19(4): 18. 2013.
4. Stromer J, Boyd J, **Santana MJ**, Stelfox HT. Quality Indicators in Adult Trauma Care Website: Usability Testing Report. W21C Research and Innovation Centre. 2013.
5. **Santana MJ**, Dahodwala M, de Grood J, Sargious P, Ghali W. Literature Review of Quality Assurance in Home Care Services. Health Quality Council of Alberta. 2013.

Podcast

6. **Santana MJ**. Improving Patient Safety by Using Patient-Reported Outcomes Measures (PROMs) in Routine Clinical Practice. 2013. <http://www.patientsafetypodcast.com/episode-guide/epi-7---proms>
7. Wu A, Barry D, **Santana MJ**. Clinical Practice. www.isoqol.org/UserFiles/media/Clinical-Practice-Podcast.mp3
8. **Santana MJ**. Measuring Patient-centred care. <https://thethodshub.com/2016/04/28/episode-7-podcast/>
9. **Santana MJ** & Zelinsky S. An Overview of Patient Oriented Research. <https://thethodshub.com/episode-9-an-overview-of-patient-oriented-research/>
10. **Webinar**
Haverman L, Velikova G, **Santana MJ**. Training Clinicians in the use of patient-reported Outcomes Measures. www.isoqol.org/education/webinar.

PRESENTATIONS

*denotes presenter

i. Peer-reviewed Conference Publications- Oral presentations (N=29)

2018

Accepted not presented

Panel presentations

1. **Santana MJ**, Zelinsky S, Brien S, Cuthbertson L, Lacroix J. What Matters to Patients: Integrating patients' experiences into healthcare design, delivery and evaluation. Canadian Association for Health Services and Policy Research, Montreal June 28, 2018.
2. Ahmed S, Manalili K, Siad F, **Santana MJ**. How to measure cultural competence when evaluating patient-centred care: A scoping review. Canadian Association for Health Services and Policy Research, Montreal June 28, 2018.
3. **Santana MJ**, Gibbons E, King J, Gibbons C, Hays R. What Matters to You: Measuring Patient Experiences. International Society for Quality of Life and Research. Dublin October 28, 2018.

Submitted

2017

Peer-reviewed Oral Presentations (N=31)

1. Liang A*, **Santana MJ**, Pendahar S. An environmental scan of quality measures used in Canadian sleep centres. Canadian Sleeping Society.
2. Kemp K*, **Santana MJ**, Hude Quan. The Experience of Patients Undergoing Coronary Artery Bypass in Alberta Hospitals. Annual meeting CAHSPR, Toronto
3. Kemp K*, **Santana MJ**, Hude Quan. A Validation Study of the Emergency Department Subsection of the Canadian Patient Experiences Survey – Inpatient Care (CPES-IC) Instrument. Annual meeting CAHSPR, Toronto
4. Jolley RJ, Manalili K, Lu M, **Santana MJ**. A Conceptual Framework for Practicing Person-Centred Care: A Narrative Review. CAHSPR, Toronto
5. Manalili K, Lantion V, Siad F, **Santana MJ**. Collaborating with Ethno-Cultural Communities for Person-Centred Care Research: Approaches to Engagement. Annual meeting CAHSPR, Toronto

6. Manalili K, Siad F, Lantion V, **Santana MJ**. Developing Person-Centred Quality Indicators Informed by the Patient Voice. Annual meeting CAHSPR, Toronto
7. Zhiying Liang, **Santana MJ**, Meng Wang, Danielle Southern, Oluwagbohunmi Awosoga, Hude Quan, & Tolulope T. Sajobi. Perceived Social Support Trajectories and All-Cause Mortality Risk in Coronary Artery Disease. Annual meeting CAHSPR, Toronto
8. Dortchin C, Manalili K, Jolley RJ, **Santana MJ**. Environmental Scan how to measure PCC in Canada. Annual meeting CAHSPR, Toronto

2016

9. *Kemp K., Quan H., **Santana M.J.** Discharge communication and patient involvement are associated with unplanned hospital readmissions: results from a validated hospital experience survey. *Qual Life Res* (2016) 25:1 - 196. 44 p.
10. Jolley R., Manalili K., Lu M., **Santana M.J.**, Strengthening health system performance: a scoping review of patient-centred quality indicators. *Qual Life Res* (2016) 25:1 - 196. 67p.
11. Awosoga O., Liang Z., **Santana M.J.**, Southern D., Zhang Y., James M., Wilton S., Norris C., Sajobi T. T. Trajectories of social support in individuals with coronary artery disease. *Qual Life Res* (2016) 25:1 - 196. 125 p.
12. Jolley RJ*, Manalili K, Lu M, **Santana MJ**. Improving patient-centred system performance: A scoping review of patient-centered quality indicators. *CAHSPR 2016 Toronto, ON*.

2015

13. **Santana MJ**. The Role of Patient-reported Outcomes Measures in Health and Healthcare. Campus Alberta.

2014

14. **Santana MJ**, Okonieswka B*, Eso K, Ocampo W, Clayden N, Holroyd-Leduc J, O'Beirne M, Flemons W, White D, Forster A, Ghali WA. Patients' Health-Related Quality of Life While Transitioning from Acute-Based to Community-Based Care. Abstr 103.5, *Qual Life Res* 23 (sup 1) October 2014
15. Okonieswka B*, Eso K, Ocampo W, Clayden N, Holroyd-Leduc J, O'Beirne M, Flemons W, White D, Ghali W, Forster A, **Santana MJ**. Assessing Patient-Reported Adverse Outcomes after Hospital Discharge. Abstr 2048, *Qual Life Res* 23 (sup 1) October 2014

16. Shklarov S, Marlett N, Marshall D, **Santana MJ**, Wasylak T. Partners in Research: patients leading research initiatives on health experiences. Abstr 3082, Qual Life Res 23 (sup 1) October 2014.
17. Okonieswka B*, **Santana MJ** Improving Patient Safety: a Framework to Assess Patient Reported Adverse Outcomes. 20th Annual meeting International Society for Quality of Life Research, Miami 2013
18. Bobrovitz N*, **Santana MJ**, Kline T, Kortbeek J, Stelfox HT. A Multi-Centre Study of Patient Experiences with Acute and Post-Acute Injury Care. 20th Annual meeting International Society for Quality of Life Research, Miami 2013
19. Cooper C*, **Santana MJ**, Stelfox HT. A Comparison of Quality Improvement Practices at Adult and Pediatric Trauma Centers. Trauma Association of Canada Annual Scientific Meeting. Whistler, British Columbia 2013
20. **Santana MJ**, Stelfox HT. International Trauma Center Survey to Evaluate Content Validity, Usability and Feasibility of Quality Indicators. Trauma Association of Canada Annual Scientific Meeting. Whistler, British Columbia 2013
21. Bobrovitz N*, **Santana MJ**, Kline T, Kortbeek J, Stelfox HT. Revision of an Instrument for Measuring Patient Experiences with Injury Care. Abstract 19th Annual Conference of the International Society for Quality of Life Research 2012.
22. **Santana MJ**, Aaronson NK, Snyder CF, Reeves B, Miller DM, Greenhalgh J, Hess R, Halyard M, Elliott TE, Choucair A, Frequency of assessments and mode of administration of patient-reported outcome measures in clinical practice. 19th Annual Conference of the International Society for Quality of Life Research. 2012.
23. **Santana MJ**, Stelfox HT. Development of quality indicators of trauma care by a consensus panel. Trauma Association of Canada. Toronto 2012
24. Bobrovitz N*, **Santana MJ**, Stelfox HT. Development and pilot testing of a survey to measure patient and family experiences with injury care. Trauma Association of Canada. Toronto 2012
25. **Santana MJ**, Stelfox HT. Quality Improvement Practices Of Trauma Centres In The United States, Canada And Australasia. Trauma Association of Canada, Annual Conference, Banff. 2011.
26. **Santana MJ**, Stelfox HT. Quality Improvement Practices of Trauma Centers in Canada, United States and Australasia. Annual Forum W21C Research and Innovation Centre, Canada, Alberta, Calgary. 2011.
27. **Santana MJ**, Ghali WA. Seamless Discharge Communication Tool: Pilot Study. Annual Forum W21C Research and Innovation Centre, Canada, Alberta, Calgary 2010.

28. **Santana MJ**, Feeny D, Ghosh S, Nador R, Weinkauf J, Jackson K, Lien D. The Construct Validity of the Health Utilities Index Mark 3 in Assessing Health Status in Lung Transplantation. International Society for Quality of Life Research. 2010
29. **Santana MJ**, Feeny D, Johnson FA, McAlister FA, Kim D, Weinkauf J, Lien D. Using Health-Related Quality of Life Measures in Routine Clinical Care of Lung Transplant Patients. Canadian Society of Transplantation. 2009
30. **Santana MJ**, Feeny D, Johnson J A, McAlister F A, and Kim D, Assessing the Effects of Using Health-Related Quality of Life Measures in Routine Clinical Care: A Study of Lung Transplant Patients. International Society for Quality of Life Research. 2008
31. **Santana MJ**, Feeny D, Jackson K, Weinkauf J, and Lien D, Demonstration of Improvement in Health-Related Quality of Life Post Lung Transplantation: Results Based on the Health Utilities Index. International Society Heart and Lung Transplantation Journal of Heart and Lung Transplantation, Vol. 27, No 2, Supplement 1, p S234, Abstract 483. 2008

ii. Peer-reviewed Conference Publications- Poster presentations (N=36)

32. K. Bastell , G. Goldfield, **M. Santana**, G. Kenny, H. Tulloch, L. Donovan, J. Malcom, S. Doucette, S. Hadjiyannakis, M. Riddell, B. Perkins, R. Sigal. The Effects of Resistance Training on Health-Related Quality of Life (HRQOL) in Already-Aerobically-Active People with Type 1 Diabetes: the READI Trial. Diabetes Canada Professional Conference 2017.
33. Manalili K*, Siad F*, Lantion V, **Santana MJ**. Developing Person-centred quality indicators informed by the patient voice. *Qual Life Res* (2017) 26:106. DOI 10.1007/s11136-017-1658-6.
34. Fartoon Siad, Xiao Yang Fang, Maria J Santana, Sonia Butalia, Marilynne Hebert, Doreen Rabi. (2017). Understanding the Experiences of East African Immigrant Women with Gestational Diabetes Mellitus. Leaders in Medicine Symposium. Calgary, Alberta, Canada. 2017-11-03.
35. Kim Manalili, Vic Lantion, Fartoon Siad, Maria J Santana. (2017). Collaborating with Ethno-Cultural Communities for Person-Centred Outcome Research: Approaches to Engagement. International Society for Quality of Life Research (ISOQOL) Conference. Philadelphia, Pennsylvania, United States of America. 2017-10-19.
36. Kim Manalili, Fartoon Siad, Vic Lantion, Maria J Santana. (2017). Developing Person-Centred Quality Indicators Informed by the Patient Voice. The Canadian Association for

Health Services and Policy Research (CAHSPR) Conference. Toronto, Ontario, Canada. 2017-05-25.

37. Kim Manalili, Vic Lantion, Fartoon Siad, Maria J Santana. (2017). Collaborating with Ethno-Cultural Communities for Person-Centred Care Research: Approaches to Engagement. The Canadian Association for Health Services and Policy Research (CAHSPR) Conference. Toronto, Ontario, Canada. 2017-05-25.
38. Fartoon Siad, Xiao Yang Fang, Maria J Santana, Sonia Butalia, Marilynne Hebert, Doreen Rabi. (2017). Understanding the Experiences of East African Immigrant Women with Gestational Diabetes Mellitus. The Canadian Association for Health Services and Policy Research (CAHSPR) Conference. Toronto, Ontario, Canada. 2017-05-25.
39. Manalili K*, Siad F*, Lantion V, **Santana MJ**. Developing Person-centred quality indicators informed by the patient voice. *Qual Life Res* (2017) 26:106. DOI 10.1007/s11136-017-1658-6.
40. Manalili K*, Lantion V, Siad F*, **Santana MJ**. Collaborating with Ethno-cultural communities for person-centred outcome research: approaches to engagement. *Qual Life Res* (2017) 26:83. DOI 10.1007/s11136-017-1658-6.
41. Liang Z, Awosoga O, **Santana MJ**, Southern D, James M, Wilton S, Norris C, Sajobi TT. Response shift in coronary artery disease: results from the Alberta provincial project for outcome assessment in coronary heart disease study. *Qual Life Res* (2016) 25:1 - 196. 127 p.
42. Kemp K., Quan H., **Santana M.J**. Disparities in patient-reported hospital experience among aboriginal patients: a Canadian study. *Qual Life Res* (2016) 25:1 - 196. 181 p.
43. Manalili K., Jolley R., Lu M., Quan H., **Santana M.J**. Developing an evidence -based framework for measuring patient-centred care: a scoping review. *Qual Life Res* (2016) 25:1 - 196. 182 p.
44. Okoniewska B., Ocampo W., Southern D., **Santana M.J**. How patient reported adverse outcome identify the need for improving patient safety. *Qual Life Res* (2016) 25:1 - 196. 182 p.
45. *Guo T, Manalili K, Jolley RJ, Doktorchik C, **Santana MJ**. Environmental Scan for Quality Indicators Used to Measure Patient-Centred Care in Canada, the UK, Australia, New Zealand, and Sweden. CASCH 2016 September 10-11, 2016 Calgary, AB
46. *Jolley RJ, Manalili K, Southern D, **Santana MJ**. Measuring patient-centred care: an environmental scan in the province of Alberta. CAHSPR 2016 Toronto, ON.

47. *Goodman L, Zelinski Z, Manalili K, Jolley RJ, Doktorchik C, **Santana MJ**. A scoping review of grey literature for patient-centred quality indicators: comparison of patient partner and researcher results. CASCH 2016 September 10-11, 2016 Calgary, AB
48. Jolley RJ, *Guo T, *Sun S, Cunningham C, **Santana MJ**, Quan H. A systematic review of ICD coding algorithms used to identify patient with a diagnosis of hypertension using administrative health data. WHO-FIC 2015, Manchester UK
49. Jolley RJ, *Lethebe BC, *Hao S, Cunningham C, **Santana MJ**, Williamson T, Quan H. A systematic review of ICD coded algorithms for stroke and TIA. WHO-FIC 2015, Manchester UK
50. **Santana MJ**, Feeny D. A case Study: Using the Health Utilities Index to Improve Chronic Care Management. 22nd Annual Meeting International Society for Quality of Life Research, Vancouver, Canada 2015
51. Bobrovitz N*, **Santana MJ**, Ferri M, Kline T, Kortbeek J, Stelfox HT. Thematic Analysis Of Patient Reported Experiences With Acute And Post-Acute Injury Care. 20th Annual meeting International Society for Quality of Life 2013.
52. **Santana MJ**, Stelfox HT. Integrated Knowledge Translation for Injury Quality Improvement: A Partnership Between Researchers and Knowledge Users. Trauma Association of Canada Annual Scientific Meeting. Whistler, British Columbia 2013
53. Bobrovitz N*, **Santana MJ**, Stelfox HT. The development and pilot testing of a questionnaire to measure patient and family satisfaction with injury care. Critical Care Canada Forum. 2011
54. **Santana MJ**, Loadman M, Mirus J, Santana-Parrilla J, Feeny D, Lien D, An Assessment of the Effects of Iyengar Yoga on the Health-Related Quality of Life of Patients with Chronic Respiratory Diseases: a Pilot Study. International. 2011
55. **Santana MJ**, Feeny D. Assessing Quality of Care in Lung Transplant Patients. International Society for Quality of Life Research 2011
56. **Santana MJ**, Feeny D, Weinkauff J, Jackson K, Schafenacker M, Lien D. Adherence to Medication and Exercise in Lung Transplantation. Canadian Transplantation Society Annual Meeting. Montremblant. 2011.
57. **Santana MJ**, Feeny D, Ghosh S, Lien D. Quality of Care in Lung Transplant Recipients.

International Society Heart and Lung Transplantation, Annual Meeting, San Diego. 2011

58. **Santana MJ**, Feeny D, Ghosh S, Nador R, Weinkauff J, Jackson K, Lien D. Assessing Health-related Quality of Life in Lung Transplant Recipients using the Health Utilities Index Mark 3 (HUI3). Canadian Transplantation Society Annual Meeting. 2011
59. **Santana MJ**, Feeny D, Lien D. Quality of Care in Lung Transplant. Canadian Transplantation Society Annual Meeting. Montremblant 2011
60. **Santana MJ**, Feeny D, Ghosh S, Nador R, Weinkauff J, Jackson K, Lien D. Assessing Health-related Quality of Life in Lung Transplant Recipients using the Health Utilities Index Mark 3. Annual Meeting of the International Society for Quality of Life Research 2010
61. **Santana MJ**, Feeny D. Applying the Health technology framework for Diagnostic technologies to Evaluate the Inclusion of Patient-reported Outcomes in routine Clinical care of Chronically ill Patients. Annual Meeting of the International Society for Quality of Life Research 2010, London UK
62. **Santana MJ**, Feeny D, Weinkauff J, Nador RA, Kapasi A, Jackson K, Schafenacker M, Zuk D, Lien D. The routine use of PROs becomes standard practice. International Society for Quality of Life Research 2009, New Orleans, USA
63. **Santana MJ**, Feeny D, Jackson K, Weinkauff J, and Lien D, An Estimate of the Improvement in Health-Related Quality of Life Post Lung Transplantation. International Society for Quality of Life Research 2008, Montevideo, Uruguay
64. **Santana MJ**, Ghosh S, Feeny D, Jackson K, Weinkauff J, and Lien D., Predictors of Survival in Lung Transplantation. Canadian Society of Transplantation, Annual Meeting. Quebec 2008
65. **Santana MJ**, Feeny D, Jackson K, Weinkauff J and Lien D, Demonstration of Improvement in Health-related Quality of Life Post-Lung Transplantation: Results Based on the Health Utilities Index. Canadian Society of Transplantation, Annual Meeting. Quebec. 2008
66. **Santana MJ**, Feeny D, Jackson K, Weinkauff J, Lien D, Improvement in Health-related Quality of Life Post-Lung Transplantation. International Society of Heart and Lung Transplantation. Annual Meeting. Boston 2008

iii. Symposium (N=5)

1. **Santana MJ**, Haverman L, Feeny D, Velikova G. “Training Clinicians in How to Use

- Patient Reported Outcome Measures in Routine Clinical Care” 22nd Annual Conference of the International Society for Quality of Life Research, Vancouver. *Qual Life Res* (2015) 24:1–191
2. Haywood K, Shklarov S, Salek S, Penman C, Marlett N, **Santana MJ**. Patient And Public Engagement In Health Research. 20th Annual meeting International Society for Quality of Life, Miami. *Qual Life Res* (2013) 22:1–137
 3. Snyder C, Aaronson N, Greenhalgh J, **Santana MJ**; Clinical Practice Group. Implementing patient-reported outcomes in clinical practice: an expert panel discussion of current knowledge and unanswered questions. 19th Annual Conference of the International Society for Quality of Life Research. *Qual Life Res* (2012) 21:1–132
 4. Feeny D (Chair), Valderas JM, Fayers P, **Santana MJ**. Overview of Existing and Novel Methodologies for Testing the Effectiveness of Using Patient Reported Outcomes in Clinical Practice Annual Meeting of the International Society for Quality of Life Research. *Qual Life Res* (2010) 19:1–144
 5. **Santana MJ** (Chair), Velikova G, Horsman S, Au H-J, Dudgeon D. Patient- reported Outcomes in Clinical Practice: Evolving Science and Accumulating Experience. Annual Meeting of the International Society for Quality of Life Research. *Qual Life Res* (2009) 19:1

iv. Workshops (N=6)

1. Haverman L, Anthony S, **Santana MJ**. Patient Reported Outcome (PRO) Measurement in Paediatric Clinical Practice: Special Considerations from Patient and Family Engagement to Implementation. Accepted for presentation at the International Society for Quality of Life Research, Phil., USA. Oct 2017.
2. Marlett N, Penman C, Gill M, Zelinsky S, **Santana MJ**, Shklarov S. How to Integrate Patient-Led Research in Your Health-Related Quality of Life Studies? 20th Annual Meeting of the International Society for Quality of Life Research, Berlin Germany. 2014
<http://www.isoqol.org/2014conference/workshops>
3. Feeny D and **Santana MJ**. Interpreting Utility (Preference-Based) Measures of Health-Related Quality of Life. 19th Annual Meeting of the International Society for Quality of Life Research, Hungary, Budapest 2012.
4. **Santana MJ**. Implementing Patient-reported Outcome Assessments in Routine Clinical Care: a Review of the Options and Considerations. 15th Annual Health Research Methods 2012, University of Calgary, Calgary, Canada 2012

5. Feeny D, Jones A, and **Santana MJ**. Interpreting Utility (Preference-Based) Measures of Health-Related Quality of Life. Workshop 17th Annual Meeting of the International Society for Quality of Life Research London, UK. 2012
6. Feeny D, Asakawa K, and **Santana MJ**. Interpreting Utility (Preference-Based) Measures of Health- Related Quality of Life. Workshop 16th Annual Meeting of the International Society for Quality of Life Research, New Orleans, USA. 2009.

v. TV Interview

1. Assessing the practice of Iyengar yoga in patients with pulmonary arterial hypertension. Breakfast TV - City TV Calgary. Aired 2012-05-22
<http://video.citytv.com/video/detail/1702567547001.000000/yoga-study--june-22nd/>

vi. Invited presentations (N=11)

1. Department of Pediatrics Grand Rounds, Cumming School of Medicine, University of Calgary. Including What matters to patients and families into the healthcare system: the role of Patient reported outcomes in Healthcare. Alberta Children Hospital 2017.
2. CancerPRO – National Perspectives of Patient-reported Outcomes. An overview of the options and considerations in the use of patient-reported outcome measures in routine clinical care. March 3 & 4, 2017. Tom Baker Cancer Centre, University of Calgary.
3. Alberta PROMs and EQ-5D Support Unit. The role of patient-reported measures in routine clinical care. November 9, 2016. Edmonton. Keynote speaker
4. International Society of Quality for Life – Dutch Chapter – Patient –reported Outcomes in Canada: a national overview. October 17, 2016. Amsterdam, NL. Keynote speaker
5. Alberta Strategy for Patient-oriented Research. How to measure Patient-centred Care. Provincial Summer Institute, May 2016.
6. Community Health Network group (CHIN). Cumming School of Medicine. University of Calgary. Reflections on Transitions of Care: Barriers and Facilitators. March 4, 2015.
7. Patient and Community Engagement Researchers. Invited lecture for patients and family representatives as part of their training course on patient engagement in research. O’Brien Institute for Public Health. Cumming School of Medicine, University of Calgary. February 2015.

8. Seminar series at W21C Research and Innovation Centre. O'Brien Institute for Public Health. Cumming School of Medicine, University of Calgary. Wellness for patients with Chronic Respiratory Disease: the Practice of Iyengar Yoga. June 15, 2015
9. Department of Community Health Sciences/ Institute for Public Health seminar series. Cumming School of Medicine. University of Calgary. Using Patient-reported Outcomes Measures in Routine Clinical Care. September 14, 2012.
10. Psycho-social oncology, Department of Oncology. Cumming School of Medicine. University of Calgary. An overview on the use of patient-reported outcome measures in clinical care of chronically ill patients. November 5, 2012.
11. Seminar series at W21C Research and Innovation Centre. O'Brien Institute for Public Health. Cumming School of Medicine, University of Calgary. Assessing the Effects of the Use of Patient-Reported Outcomes in Routine Clinical Care of Lung Transplant Patients. November 10, 2010.

4. KNOWLEDGE TRANSLATION ACTIVITIES

- 2017 ***Person-Centred Care: What Matters to Albertans***. This forum is held in collaboration with the Ethno-Cultural Council of Calgary and Alberta Health Services. The forum is followed by a pan-Canadian meeting with key stakeholders in patient experience work from the provinces of B.C, Alberta, Manitoba, and Ontario, on March 7th. Forum meeting, March 6 & 7, 2017
- 2017 ***CancerPRO – National Perspectives of Patient-reported Outcomes***. This is a national meeting led by Dr. Walley Temple in collaboration with the national team of experts which I'm a member. <http://cancer-pro.ca/agenda>
- 2015 **Measuring Patient-centred Care: Lessons Learnt from International Experts to Improve Standardization and Implementation of Patient-Reported Outcome and Experience Measures in Canada**. Guests speakers from the Universities of Amsterdam, Oxford, and Exeter shared their experience and examine the future implementation of the measures to improve health and healthcare. October 2015.
- 2014 **Measuring Patient-centred Care**. Patient-reported Outcomes and Experience Measures Forum – A national forum to share local initiatives on measuring patient-centred care. <https://themethodshub.files.wordpress.com/2016/01/measuring-patient-centred-care.pdf>