



AYNHARAN SINNARAJAH, MD MPH CFPC(PC)

I. BIOGRAPHICAL DATA

A) Primary:

Address: Division of Palliative Care, Lakeridge Health - Oshawa
1 Hospital Court, Oshawa, ON, L1G 2B9
Telephone: (905) 576-8711
Email: asinnarajah@lh.ca
Present Rank: Associate Professor
Department: Medicine
Institution: Queen's University

B) Secondary:

Address: Palliative and End of Life Care
710, South Tower, Foothills Medical Centre
1403 – 29th Street NW, Calgary, AB, T2N 2T9
Telephone: (403) 944-2304
Email: ayn.sinnarajah@ahs.ca
Present Rank: Adjunct Associate Professor
Departments: Oncology, Family Medicine and Community Health Sciences
Institutes: O'Brien Institute of Public Health
Arnie Charbonneau Cancer Institute
Faculty: Cumming School of Medicine
Institution: University of Calgary

II. ACADEMIC RECORD

Final Degree: Master of Public Health (MPH)
Date Completed: 2014/11
Specialty: Public Health (Quantitative Methods)
Institution: Harvard University, Massachusetts, United States

Undergraduate:

1994-1997 **Bachelor of Science (with Honours)**
Major: Biological Sciences; Minor: Economics
University of Toronto, Toronto, Canada

Medical School:

1997-2001 **Doctor of Medicine (with Honours)**
University of Toronto, Toronto, Canada

Postgraduate:

2001-2003 **Family Medicine Residency**
University of Toronto, Toronto, Canada
2003-2004 **Fellowship in Palliative Medicine**
University of Calgary, Calgary, Canada
2011-2014 **Masters in Public Health (Quantitative Methods)**
Harvard University, Boston, USA
2015 **Crucial Conversations Course**
Physician Management Institute. Calgary, Alberta, Canada

2015	Leadership Strategies for Sustainable Physician Engagement Course Physician Management Institute. Calgary, Alberta, Canada
2016	Facilitating Meetings Course Physician Leadership Institute. Calgary, Alberta, Canada
2017	Alberta Improvement Way: Introductory Course Alberta Health Services, Calgary, Alberta, Canada
2017	Systems Analysis Methodology (SAM) Workshop Alberta Health Services, Calgary, Alberta, Canada
2017	Effectiveness in the Academy: Personal Leadership for Enhanced Career Productivity Workshop University of Calgary, Calgary, Alberta, Canada
2018	Talent Management for Exceptional Leadership Course CMA Physician Leadership Institute. Calgary, Alberta, Canada
2018	Epic Physician Power User Course University of Wisconsin-Madison, Wisconsin, USA
2019	Physician Builder - Basic Course Epic, Verona, Wisconsin, USA
2020	Physician Builder - Advanced Course Epic, Verona, Wisconsin, USA (Virtual)

Special Professional:

1999	Summer Session Program, International Space University Nakhon Ratchasima, Thailand (<i>Headquarters in Strasbourg, France</i>)
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Licensure, certification and boards:

- Member of the College of Physicians and Surgeons of Alberta
- Member of the College of Physicians and Surgeons of Ontario
- Previous Member of the College of Physicians and Surgeons of British Columbia
- Member of the College of Family Physicians of Canada
- Palliative Care Certificate of Added Competence, College of Family Physicians of Canada
- Licentiate of the Medical Council of Canada
- Advanced Cardiovascular Life Support (re-certification: 2001)
- Neonatal Resuscitation Program Certification (certification: 2001)

III. AWARDS AND DISTINCTIONS

2020	O'Brien Institute of Public Health 10 Year Impact Grant. Travel Award. \$1,000. O'Brien Institute of Public Health, University of Calgary
2019	Team Innovation Award. Department of Oncology, University of Calgary (Palliative Care Early and Systematic project; Role: Co-lead)
2019	3rd Place Reviewers' Choice Award, Oral Presentation Category. Family Medicine Summit, Alberta College of Family Physicians. (SUPPORT-FM: Supporting Family Physicians to Provide in Community-Based Primary Palliative Care for their Patients; Role: Co-investigator)
2019	Nominated for President's Excellence Award. Outstanding Achievement in Innovation and Research Excellence. (Development conversations; Role: Member)
2018	Nominated for President's Excellence Award. Quality Improvement category. (Calgary Zone Hospice Information Transfer Steering Committee; Role: Co-lead)
2018	Nominated for President's Excellence Award. Outstanding Achievement in Patient and Family Centred Care. (Palliative and End of Life care Patient and Family Centred Care Committee; Role: Member)
2016	First Place Poster. Continuing Care and Community Living Calgary Expo (Web-based Videoconferencing for Rural Palliative Care Consultation in the Home; Role: team member)
2016	Second Place Poster. Continuing Care and Community Living Edmonton Expo (Web-based Videoconferencing for Rural Palliative Care Consultation in the Home; Role: team member)

- 2016 **Best Poster** (Group 1). 8th Annual Leaders in Medicine Research Symposium (Preliminary Results for the Canary in the Coal Mine Study: Does Palliative Care Reduce Emergency Department Utilization? Role: team member)
- 2014 **'RUNNER-UP' Great Ideas Oral Presentation.** 10th Annual Advanced Palliative Medicine Update (Managing End of Life Symptom Crises in the Home: An Innovative Partnership Between Palliative Home Care and Emergency Medical Services in the Calgary Zone of the Alberta Health Services; Role: Team member), Toronto
- 2011 **Janus Continuing Professional Development Grant.** \$2000, The College of Family Physicians of Canada
- 2007 **Nominated for PeopleFirst Award. Health Leadership category.** (Community Care Information System Clinical Design Team'. Role: Member)
- 1997 **John Wolfe McColl Memorial Award,** Faculty of Medicine, University of Toronto
- 1997 **University of Toronto Advance Planning for Students (UTAPS),** University of Toronto
- 1994 – 1997 **University of Toronto Scholar,** University of Toronto
- 1994, 1996 **A.D. Allan Scholarship,** University of Toronto
- 1994 - 1997 **Canada Scholar,** University of Toronto
- 1994 **John Macara Barrister of Goderich Scholarship,** University of Toronto
- 1994 **Governor General's Academic Medal,** Woburn C.I., Toronto, Ontario
- 1994 **Gold Medal of Canada,** Descartes Mathematics Competition, Woburn C.I., Toronto, Ontario

IV. ACADEMIC APPOINTMENTS (including hospitals)

- 2021 – current **Dr. Gillian Gilchrist Chair in Palliative Care Research,** Queen's University & Lakeridge Health
- 2021 – current **Associate Professor,** Division of Palliative Medicine, Department of Medicine, Queen's University
- 2021 – current **Adjunct Associate Professor,** Division of Palliative Medicine, Department of Oncology, Cumming School of Medicine, University of Calgary
- 2021 – current **Consultant Physician, Palliative Care,** Department of Medicine, Lakeridge Health, Ontario
Admitting Privileges: Lakeridge Health – Oshawa
Consulting Privileges: Lakeridge Health – Ajax-Pickering, Bowmanville, Port Perry, Durham Regional Cancer Centre
- 2016 - 2021 **Assistant Professor,** Division of Palliative Medicine, Department of Oncology, Cumming School of Medicine, University of Calgary
- 2004 - current **Consultant Physician, Palliative Medicine,** Department of Family Medicine, Oncology, Rural Medicine, Calgary Zone, Alberta Health Services
Admitting Privileges: Foothills Medical Centre
Consulting Privileges: Tom Baker Cancer Centre, Peter Lougheed Centre, Rockyview General Hospital, South Health Centre, Agape hospice, Sarcee hospice, Chinook hospice, Southwood Hospice, Rosedale Hospice, Dulcina Hospice, Foothills Country Hospice, Long term care facilities, Home care program
- 2018 - current **Medical Informatics Lead Physician,** Calgary Zone, Alberta Health Services
- 2010 - 2011 **Consultant Physician, Palliative Medicine,** Department of Palliative Medicine, Fraser Health, Surrey, British Columbia
Admitting Privileges: Surrey Memorial Hospital
Consulting Privileges: Other Fraser Health hospitals, hospices and home care programs
- 2007 - 2016 **Clinical Lecturer,** Division of Palliative Medicine, Department of Oncology, University of Calgary
- 2005 - 2018 **Consultant Physician,** Clinical Informatics, Calgary Zone, Alberta Health Services
- 2005 - 2007 **Family Physician,** Lakeridge Health, Ontario
Admitting privileges: Bowmanville site
- 2003 **Family physician – Locum Tenens,** Kincardine, Ontario
- 2003 **Family physician – Locum Tenens,** Lakeridge Health, Ontario
Admitting privileges: Bowmanville site
- 2003 **Family physician – Locum Tenens,** Huntsville, Ontario

V. EDUCATIONAL ACTIVITIES

Undergraduate

Supervision/Mentoring

- Mentor, Medical Student, Travis Pederson, Career Exploration Program, Undergraduate Medical Education, University of Calgary (October 2020)
- Supervisor, Summer Research Student, Jennifer Mracek, Undergraduate Medical Student (Alberta Innovates Summer Research Studentship), University of Calgary (Summer 2020)
- Supervisor, Summer Research Student, Zaheed Damani, Undergraduate Medical Student (University of Calgary Cumming School of Medicine Memorial Endowment 2019), University of Calgary (Summer 2019, Summer 2021)
- Co-supervisor, Visiting Medical Student, Katie McGeary, Undergraduate Medical Student, University of Aberdeen (2009)

Teaching

Graduate Education

Supervision / Thesis Committee Membership

- Co-supervisor, Alessandra Paolucci, University of Calgary MSc Candidate (Sep 2021 - present)
- Examining Committee Member, Oral Candidacy Examination, Lauren Buote, University of Calgary PhD Candidate (Oct 29, 2020)
- Local Research Supervisor, Nureen Sumar, London School of Tropical Medicine (May 2020-present)
- Thesis Committee Member, Reanne Booker, University of Victoria PhD Candidate (Sep 2019-present)
- Thesis Committee Member, Sadia Ahmed, Masters' of Science candidate (Sep 2018-July 2020)
- Thesis Examiner, Janet Vandale, Masters' of Nursing candidate (Sep 2018)

Teaching

Postgraduate Education

Committee Membership

- Member, File Review Committee, Palliative Medicine Resident (Enhanced Skills Training, Family Medicine) Applications (2020)
- Member, Interview Committee, Palliative Medicine Resident (Enhanced Skills Training, Family Medicine) Applications (2020)
- Member, Analytics, Palliative Medicine Resident (Enhanced Skills Training, Family Medicine) Applications (2020)

Supervision/Mentoring

- Supervisor, Sarah Cook, Internal Medicine Resident Research Project, University of Calgary (2020-2023)
- Supervisor, Irina Adamova, Palliative Medicine Resident Research Project, University of Calgary (2020-2022)
- Supervisor, Alvin Szeto, Palliative Medicine Resident Research Project, University of Calgary (2019-2020)
- Supervisor, Suhair Bandeali, Internal Medicine Resident Research Project, University of Calgary (2018-2020)
- Supervisor, Irina Adamova, Internal Medicine Resident Research Project, University of Calgary (2018-2020)
- Co-Supervisor, Maclean Thiessen, Medical Oncology Resident Research Project, University of Calgary (2017-2018)
- Supervisor, Maggie Ong, Family Medicine Resident Research Project, University of Calgary (2014-2016)
- Supervisor, Russell Loftus, Palliative Medicine Resident Research Project, University of Calgary (2014-2015)

- Mentor, Jonathan Pearce, Palliative Medicine Resident, University of Calgary (2013-2014)
- Supervisor, Jilian Walker / Meghan Drew-McKinstry, Internal Medicine Resident Research Project, University of Calgary (2012-2015)
- Co-Supervisor, Christopher Noss, Anaesthesia Resident Research Project, University of Calgary (2010-2012)

Teaching

- Lecturer (Formulating a Research Question & Introduction to Biostatistics), University of Calgary Palliative Medicine Residents Academic Half-Day (Aug 2020; Aug 2019)
- Lecturer (Practice Management & Billings in Palliative Care), University of Calgary Palliative Medicine Residents Academic Half-Day (Mar 2019; May 2018; May 2017; Jun 2016; May 2015; May 2014; 2013; 2012; 2009)
- Lecturer (Informatics in Palliative Care), University of Calgary Palliative Medicine Residents Academic Half-Day (2010)
- Lecturer (Anticoagulation and Thromboprophylaxis in Palliative Care), University of Calgary Palliative Medicine Residents Academic Half-Day (2013; 2012)

Continuing Education (also see Invited Addresses)

- Area Trainer, Inpatient Admitting Consulting track, Connect Care, Alberta Health Services (2020 - current)

Other Education/Mentoring

- Mentor, Amane Abdul-Razzak, Palliative Medicine Consultant Physician, Alberta Health Services (2019)
- Mentor, Jacqueline Hui, Palliative Medicine Consultant Physician, Alberta Health Services (2014-2017)
- Mentor, High school students, Marsville Program, Education Network of Ontario (1999-2000)
- Mentor, Junior school students, Saturday Program, Faculty of Medicine, University of Toronto (1998)

VI. ADMINISTRATIVE RESPONSIBILITIES

Department

2021 – current	Division Head , Palliative Care, Department of Medicine, Lakeridge Health
2021 – current	Member , Department of Medicine Executive Committee, Lakeridge Health
2019 - current	Member , ARP Management Committee, Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services
2019	(Interim) Deputy Section Chief , Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services
2015 - 2019	Quality Lead , Educational Case Reviews, Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services
2014 - 2019	Section Chief , Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services
2014 - 2019	Member , Department of Family Medicine Executive Committee, Calgary Zone, Alberta Health Services
2014 - 2019	Chair , ARP Management Committee, Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services
2005 - 2006	Lead , CME, Section of Palliative Care, Department of Family Medicine, Calgary Zone, Alberta Health Services

Health Authority

2021 - current	Member , Palliative Care Working Group, Central East Regional Clinical Information System
2021 - current	Member , Medical Working Group, Central East Regional Clinical Information System
2021 - current	Member , Ambulatory Working Group, Central East Regional Clinical Information System
2020 - 2021	Member , Palliative Expert Group, Cirrhosis Care Alberta Program, Alberta Health Services
2020 - current	Member , Physician Content, Standards, and Practice Working Group, Connect Care Clinical Documentation Committee, Connect Care, Alberta Health Services
2020 - current	Certified Physician Builder , Connect Care, Alberta Health Services

2019	(Interim) Deputy Medical Director , Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2018 - 2020	Member , FMC Quality Management Council, Calgary Zone, Alberta Health Services
2018 - current	Member , Chief Medical Information Office Physician Leadership Committee, Alberta Health Services
2018 - current	Member , Assistant Chief Medical Information Office, Calgary Zone, Alberta Health Services
2018 - current	Co-Chair , Palliative / End of Life Care (PEOLC) Specialty Design Working Group, Connect Care, Alberta Health Services
2018 - current	Member , Continuing Care & Seniors Health Area Council, Connect Care, Alberta Health Services
2018 - current	Member , Cancer Care Area Council, Connect Care, Alberta Health Services
2018 - current	Palliative Care Representative , Subject Matter Expert, Connect Care, Alberta Health Services
2017 - 2019	Member , Patient Family Centered Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2017 - 2018	Member , Care of the Imminently Dying (Adult), Provincial Clinical Knowledge Topic, Alberta Health Services
2017 - 2018	Member , Palliative Sedation, Provincial Clinical Knowledge Topic, Alberta Health Services
2017 - 2018	Member , Provincial PEOLC Clinical Documentation Working Group, Alberta Health Services
2016 - 2018	Member , Provincial Palliative Capacity Planning Expert Panel, Alberta Health Services
2016 - 2018	Member , Provincial Expected and Unexpected Death Working Group, Alberta Health Services
2016	Member , Alberta Canadian Partnership Against Cancer Patient Reported Outcomes Steering Committee, Cancer Care Alberta, Alberta Health Services
2016 - 2021	Member , Provincial Clinical Advisory Committee, Respiratory Benefits Program, Alberta Health Services
2016 - current	Member , Palliative Reports, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2015 - 2019	Member , Medication Policy in Community Care - Pre-filling Syringes Committee, Alberta Health Services
2015 - 2019	Member , Provincial Palliative EMS Assess, Treat and Refer Working Group, Alberta Health Services
2015 - 2016	Consultant , Lab Knowledge, Clinical Knowledge Content Management, Alberta Health Services
2015 - 2016	Member , Lab Results Review & Reporting Project, Calgary Zone, Alberta Health Services
2015 - 2017	Co-Chair , Hospice Transfer of Information Steering Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2019	Medical Director , Palliative and End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2019	Member , Urban Home Care Palliative Clinicians Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2015	Member , Provincial Palliative Pathway/Guideline Working Group, Alberta Health Services
2014 - 2016	Member , Provincial Palliative Physician Assisted Suicide Working Group, Alberta Health Services
2014 - 2017	Member , Provincial Palliative Dashboard Indicators Working Group, Alberta Health Services
2014 - 2019	Member , Provincial Palliative and End of Life Care, Innovations Steering Committee, Alberta Health Services
2014 - 2015	Member , Provincial Palliative Physician 24/7 Working Group, Alberta Health Services
2014 - 2019	Member , Palliative Home Care Quality Improvement Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2019	Member , Palliative Operations Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2019	Member , Seniors, Palliative and Continuing Care Leadership Committee, Calgary Zone, Alberta Health Services
2014 - 2019	Member , Hospice Quality Management Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
2014 - 2016	Member , Advisory Committee, Management Committee, Tom Baker Cancer Centre and Palliative Care Collaborative, Calgary Zone, Alberta Health Services
2014 - 2016	Member , Calgary Lab Services Tissue Typing Project Steering Committee, Calgary Zone, Alberta Health Services

- 2012 - 2016 **Member**, Millennium System Clinical & Operational Advisory Committee, Calgary Zone, Alberta Health Services
- 2011 - 2012 **Member**, Sunrise Clinical Manager/Millennium Transfusion Medicine Project, Calgary Zone, Alberta Health Services
- 2012 - 2013 **Member**, Sunrise Clinical Manager/Millennium Transfusion Medicine Project Steering Committee, Calgary Zone, Alberta Health Services
- 2010 - 2012 **Member**, Calgary Lab Services Tissue Typing Project Steering Committee, Calgary Zone, Alberta Health Services
- 2008 - current **Member**, Core Clinical Design Team, Patient Care Information System, Calgary Zone, Alberta Health Services
- 2008 - 2009 **Interim Co-Medical Leader**, Regional Palliative and Hospice Care, Calgary Zone, Alberta Health Services
- 2008 - 2009 **Chair**, Clinical Practice, Education & Research Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
- 2008 - 2009 **Member**, Hospice Quality Management Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
- 2007 - 2008 **Member**, Nutrition Advisory Group, Patient Care Information System, Calgary Health Region
- 2006 - 2018 **Member**, Clinical Informatics Group, Calgary Zone, Alberta Health Services
- 2006 - 2016 **Co-Chair**, EHR Diagnostic Imaging and Laboratory Advisory Committee, Calgary Zone, Alberta Health Services
- 2006 **Member**, Continuity of Care Advisory Committee, Calgary Health Region
- 2005 - current **Lead**, Palliative Care Informatics, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
- 2005 - 2007 **Chair**, Clinical Documentation sub-group, Community Care Information Systems, Calgary Health Region
- 2005 - 2007 **Member**, Steering Committee, Community Care Information Systems, Calgary Health Region

Faculty

- 2001 - 2002 **Representative**, Professional Graduate Year 1, Family Medicine Resident's Association of Toronto, University of Toronto
- 2001 - 2002 **Representative**, Family Medicine, Professional Association of Interns & Residents of Ontario

VII. PROFESSIONAL ACTIVITIES

Memberships

- 2019 - current **Member** of the Multinational Association of Supportive Care in Cancer
- 2016 - current **Member** of the Healthcare Information and Management Systems Society
- 2013 - current **Member** of the Canadian Centre for Applied Research in Cancer Control
- 2012 - current **Member** of the Alberta & Canadian Hospice and Palliative Care Association
- 2011 - current **Member** of the International Association of Hospice and Palliative Care
- 2005 - current **Member** of the Canadian Society of Palliative Care Physicians
- 2003 - current **Member** of the Alberta Medical Association
- 2001 - current **Member** of the Canadian Medical Protective Association
- 1998 - 2007 **Member** of the Ontario Medical Association
- 1998 - current **Member** of the Canadian Medical Association
- 1999 - current **Member** of the Canadian Alumni of the International Space University

Professional Service

- 2021 **Reviewer**, Resident Research Projects, Canadian Society of Palliative Care Physicians
- 2021 **Reviewer**, Review Panel, University of Calgary Internal Peer Review Panel, Partnership for Research and Innovation in the Health System (PRIHS) 6: 2020
- 2021 **Reviewer**, Abstracts, 2021 Canadian Association for Health Services & Policy Research Scientific Conference
- 2021 **Reviewer**, Abstracts, MASCC/ISOO Annual Meeting on Supportive Care in Cancer 2021

- 2020 - current **Member**, Technical Working Group, Developing and Testing Quality Indicators for Palliative Care Using Existing Data (Chair: D Guthrie, Wilfred Laurier University, Ontario)
- 2020 **Reviewer**, BMJ Open
- 2020 - current **Research Reviewer**, Alberta College of Family Physicians
- 2020 **Reviewer**, Journal of Pain and Symptom Management
- 2020 **Reviewer**, BMJ Supportive & Palliative Care
- 2020 **Reviewer**, Journal, Psycho-Oncology
- 2020 **Reviewer**, Journal, Journal of Palliative Care
- 2020 **Reviewer**, Institute Community Support (ICS) 2020 Undergraduate Summer Studentship competition, Institute of Aging, in partnership with the Institute of Human Development, Child and Youth Health, CIHR
- 2020 **Reviewer**, Abstracts, Advanced Learning in Palliative Medicine 2020 Conference
- 2020 **Reviewer**, Abstracts, 2020 Canadian Association for Health Services & Policy Research Scientific Conference
- 2020 **Reviewer**, Abstracts, MASCC/ISOO Annual Meeting on Supportive Care in Cancer 2020
- 2019 **Reviewer**, Journal, Health Reports (Statistics Canada)
- 2019 **Reviewer**, Abstracts, Hospice Palliative Care Ontario 2020 Conference
- 2019 - 2020 **Member**, FOCUS Delphi Study, Canadian Frailty Network
- 2019 **Member**, Home to Hospital to Home transitions guidelines, Primary Health Care Integration Network, Alberta Health Services
- 2019 **Member**, Cancer Strategic Indicator Development Project, Canadian Partnership Against Cancer
- 2019 **Member**, Developing and Testing Quality Indicators (QIs) for Palliative Care Using Existing Data, Wilfred Laurier University
- 2019 **Reviewer**, Abstracts, Internal Medicine Research Day, University of Calgary
- 2019 **Reviewer**, Abstracts, Advanced Learning in Palliative Medicine Conference
- 2018 - current **Member**, Pan-Canadian Palliative Care Research Collaborative
- 2017 - current **Member**, System Performance Steering Committee, Canadian Partnership Against Cancer
- 2017 - 2018 **Member**, Staffing Model, Canadian Society of Palliative Care Physicians
- 2017 **Reviewer**, Abstracts, Hospice Palliative Care Ontario 2018 Conference
- 2017 **Reviewer**, Journal of Pain and Symptom Management
- 2017 **Member**, Expert Panel, Development of quality indicators for older persons' transitions in care: A systematic review (initial stage)
- 2015 **Member**, Calgary Palliative Care Research Advisory Committee
- 2015 - 2017 **Member**, Alberta Conservative Kidney Management Project, Steering Committee
- 2015 - 2017 **Member**, Alberta Conservative Kidney Management Project, Clinical Guidelines Working Group
- 2015 - 2016 **Member**, Alberta Conservative Kidney Management Project, Evaluation Working Group
- 2015 **Invited Judge**, Great Ideas and In the Works Session, 11th Advanced Learning in Palliative Medicine, Calgary, AB, Canada
- 2015 **Member**, Trajectories Expert Panel, Translating Research in Elder Care (TREC) Trajectories
- 2014 - 2016 **Member**, Alberta Scientific Assembly Planning Committee, Alberta College of Family Physicians
- 2014 - 2020 **Member**, Nominations and Awards Committee, Alberta College of Family Physicians
- 2014 **Reviewer**, BMC Palliative Care
- 2013 - 2016 **Member**, Provincial ACP CRIO grant - Dashboard Indicator WG, University of Calgary, Alberta Health Services
- 2013 - 2015 **Member**, Palliative Sedation Guidelines Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
- 2012 - 2017 **Member**, Canadian Researchers at the End of Life Network (CARENET)
- 2009 **Chair**, Palliative Sedation Guidelines Committee, Palliative & End of Life Care, Calgary Zone, Alberta Health Services
- 2009 **Member**, Examination Team, Certification Examination in Family Medicine, College of Family Physicians of Canada, Spring 2009
- 2007 **Member**, Examination Team, Certification Examination in Family Medicine, College of Family Physicians of Canada, Spring 2007
- 2005 **Member**, Examination Team, Certification Examination in Family Medicine, College of Family Physicians of Canada, Spring 2005

2004	Member , Examination Team, Certification Examination in Family Medicine, College of Family Physicians of Canada, Fall 2004
2002	Applicant Interviewer , Family Medicine Residency Admissions, University of Toronto
2000 - 2001	President , SEDS Canada (Students for the Exploration and Development of Space)
1999 - 2000	Treasurer , SEDS Canada (Students for the Exploration and Development of Space)

VIII. RESEARCH SUPPORT

Grants Received

PI/PA/Co-PI/Principal KU

- Jul 2021 – Jun 2022. Quinn K (NPA), Bell C (Co-PI), **Sinnarajah A** (Co-PI), et al. Identifying Service Gaps in Virtual Palliative Care to Inform Health Policy Across Canada. \$150,000. Canadian Institutes of Health Research; Program: Project Grant. Priority Call: Virtual Care.
- Jun 2021 - May 2026. **Sinnarajah A** (NPA), et al. Improving cancer survivors' access to timely palliative care: validating and building triggers in the electronic medical record using real world evidence. \$597,354.24. Canadian Cancer Society Emerging Scholar Award (Survivorship) (grant #707151)
- May 2021 - Aug 2021. **Sinnarajah A** (NPA), Mracek J (Student), et al. Factors associated with timing of access to specialist palliative care in CNS cancer patients: early, late, very late, and never. \$5,000. 2021 Mach-Gaensslen studentship award
- Apr 2021 - Mar 2022. Tanuseputro P (NPA), **Sinnarajah A** (Co-PI), et al. Improving prescribing of medications at the end-of-life in long-term care homes through the COVID-19 pandemic. \$149,986. Canadian Foundation for Healthcare Improvement: Implementation Science Teams – Strengthening Pandemic Preparedness in Long-Term Care Funding Opportunity
- Mar 2021 - Jan 2022. **Sinnarajah A** (NPA), et al. Benchmarking End of Life Quality Indicators by Tumor Type & Describing Models of Palliative Care across Canada. \$50,000. Applied Research in Cancer Control.
- Oct 2020 - Sep 2022. **Sinnarajah A** (NPA), Simon J (PA), et al. Automatic Palliative Care Referrals: Acceptability and Uptake by Patients with Advanced Lung Cancer. \$172,125. Canadian Institutes of Health Research; Program: Project Grant.
- May - Aug 2020. **Sinnarajah A** (PI), Mracek J (Summer student). Palliative and acute care resource use in seniors: Lessening frailty and disability in later life. \$6,000, Alberta Innovates Summer Research Studentship.
- Oct 2019 - Sep 2020. **Sinnarajah A** (PI), et al. Provincial Palliative & End of Life Care: Generating Real World Evidence through Cross-Zonal Palliative Care Program Collaboration in Alberta. \$4,000. 2019 Campus Alberta Health Outcomes and Public Health (HOPH) meeting grant, O'Brien Institute of Public Health, University of Calgary.
- Apr - Dec 2019. **Sinnarajah A** (PI), Damani Z (Summer student). PaCES (Palliative Care Early and Systematic) – Delivering palliative care for colorectal cancer patients and their families in Alberta: Impact of Enrollment in Clinical Trials. \$5,000. University of Calgary Cumming School of Medicine Memorial Endowment 2019.
- Sep 2018 - Aug 2019. Holroyd Leduc J (NPA), Venturato L (Co-PI), **Sinnarajah A** (Co-PI), et al. Improving Supportive End-of-Life Care in Long-Term Care: Exploring the Changing Role of Family Physicians in Care Teams. \$51,190. Canadian Frailty Network. Program: 2018 Catalyst Grant Competition
- Jun 2017 - May 2021. Simon J (NPA), **Sinnarajah A** (PA), Braun T (PKU), Kurien E (PKU), Verma S (PKU), Hagen N (PA), Kerba M (PA). Palliative Care, Early and Systematic (PaCES): Impact on Public Health and Patient Health Outcomes. \$998,808 + \$11,566 (Development fund). Canadian Institutes of Health Research; Program: Partnerships for Health System Improvement (PHSI).
- Apr 2017 - Mar 2019. **Sinnarajah A** (PI), et al. Palliative Care Early and Systematic (PaCES): Clinical Pathway Development for Alberta's Colorectal Cancer Patients. \$696,363. Alberta Health.
- Sep 2017 - Aug 2019. **Sinnarajah A** (PI), et al. Investigation of palliative care and acute care resource use at end of life in chronic disease patients. \$98,000. M.S.I. Foundation.
- Oct 2016 - Sep 2017. **Sinnarajah A** (PI), et al. Palliative Care, Early and Systematic (PaCES): Impact on Public Health and Patient Health Outcomes. \$5,000. Campus Alberta Health Outcomes and Public Health; Program: Networking Funding Opportunity.

- 2011 - 2012. Thomas B (PI), **Sinnarajah A** (Co-PI), et al. Emergency room visits and palliative care services: The Canary in the coal mine? \$45,588. Alberta Innovates Health Solutions; Alberta Cancer Foundation.

Co-Investigator

- July 2021 – Dec 2022. Tanuseputro (NPA), **Sinnarajah A** (Co-A), et al. Reporting and improving on physician prescribing rates for end-of-life symptom control in long-term Care. \$219,876. The College of Family Physicians of Canada COVID-19 Pandemic Response & Impact Grant Program (Co-RIG Phase II).
- May 2021 - Apr 2023. Simon J (NPA), **Sinnarajah A** (Co-A), et al. Don't delay palliative care: Implementing shared care letters to strengthen coordinated palliative care for people living with metastatic colorectal cancer. \$75,000. Choosing Wisely Alberta.
- Mar 2021 - Feb 2024. Cheung W (NPA), **Sinnarajah A** (Co-I), et al. Characterizing Chronic Opioid Use in Cancer Patients. \$504,900. Canadian Institutes of Health Research (CIHR); Program: Project Grant Fall 2020.
- Mar 2021 - Feb 2022. Downar J (NPA), **Sinnarajah A** (Co-I), et al. Effects of dexmedetomidine in patients with agitated delirium in palliative care: an open-label phase 1/2 proof-of-concept, feasibility, and dose-finding clinical trial. \$100,000. Canadian Institutes of Health Research (CIHR); Program: Project Grant - Priority Announcement: Patient-Oriented Research.
- Mar 2021 - Feb 2023. Innes GD (NPA), **Sinnarajah A** (Co-I), et al. Impact of Emergency Department Opioid Prescribing on Health Outcomes. \$149,176. Canadian Institutes of Health Research (CIHR); Program: Project Grant Fall 2020.
- Jan 2021 - Dec 2021. Goodarzi Z (NPA), **Sinnarajah A** (Co-A), et al. Development and Implementation of a Clinical Care Pathway for Frail Older Adults in Long-Term Care. \$150,000. Canadian Foundation for Healthcare Improvement/Canadian Patient Safety Institute in conjunction with the CIHR, Centre for Aging and Brain Health Innovation, Saskatchewan Health Research Foundation and New Brunswick Health Research Foundation. Program: Implementation Science Teams: Supporting Pandemic Preparedness in Long-Term Care Funding Opportunity.
- Apr 2020 - Mar 2023. Davison S (PI), **Sinnarajah A** (Co-I), et al. A Disease-Inclusive Pathway for Transitions in Care (ADAPT): Alberta Collaborative Pathway for Patients with Complex Chronic Diseases. \$1,190,000. Alberta Innovates Health Solutions; Program: Partnership for Research and Innovation in the Health System (PRIHS V).
- Jan - Dec 2020. Downar J (NPA), **Sinnarajah A** (Co-A), et al. Using patient-reported outcomes to improve the quality of palliative care: Establishing priorities and actions for data collection and reporting in Canada. \$19,716. CIHR Planning and Dissemination Grant – Institute Community Support.
- Oct 2019 - Sep 2022. Booker R (NPA), **Sinnarajah A** (Co-A), et al. Early Integration of Palliative Care in Hematopoietic Stem Cell Transplantation. \$257,886. Alberta Cancer Foundation – R.K. Dixon Award 18/19.
- Oct 2019 - Mar 2020. Ho G (NPA), Hui J (PA), **Sinnarajah A** (Co-A), et al. A study to evaluate the feasibility of in-home POC ultrasonography and paracentesis for rural palliative patients. \$5,000. University of Calgary, 2019 Distributed & Learning Rural Initiatives, Rural Health Research competition.
- Apr 2019 - Mar 2020. Karim S (Project Leader), **Sinnarajah A** (Co-A), et al. Serious Illness Care Program Implementation in Cancer Care. \$9,654. Chief Medical Office (CMO) / Calgary Zone Medical Affairs (MA) Quality Improvement Initiative 2019.
- Apr 2019 - Mar 2023. Davison S (NPA), Bahler B (PA), Kaplan G (PA), Wasylak T (PKU), Verdin N (PKU), **Sinnarajah A** (Co-A), et al. Development, Implementation and Evaluation of an Innovative Integrated Supportive Care Pathway by Primary Care across Alberta. \$4,800,000. Canadian Institutes of Health Research, Alberta Health Services, Alberta Innovates. Program: SPOR Innovative Clinical Trials Rewarding Success (iCT).
- Apr 2018 - Mar 2019. Davison S (NPA), Bahler B (PI), Kaplan G (PI), Pearson W (PI), **Sinnarajah A** (Co-I), et al. Development, Implementation and Evaluation of an Innovative Integrated Supportive Care Pathway by Primary Care across Alberta. \$100,000. Canadian Institute of Health Research; Program: Operating Grant: SPOR iCT Rewarding Success – Development Grants.
- Jul 2017 - Dec 2019. Tan A (PI), **Sinnarajah A** (Co-I), et al. SUPPORT-FM: Supporting Family Physicians in Providing Community-Based Primary Palliative Care within the Patient-Centered Medical Home. \$11,019. Foundation for Advancing Family Medicine (FAFM) of the College of Family Physicians

of Canada; Janus Research Grant.

- Sep 2016 - Aug 2017. Jakubec S (PA), **Sinnarajah A** (Co-I), et al. Experiences and Outcomes of a Mobile Palliative Care Service for Adults with Complex Needs in Calgary. \$24,650. Addiction & Mental Health, Alberta Health Services; Program: Increasing Capacity of Human Services and Alberta Health Services to Address Adults with Complex Needs.
- 2016 - 2017. Grinman M (PI), Human T (PI), Moffat D (PI), **Sinnarajah A** (Co-I), et al. Anticipatory Long-term care Electronic Resident Triage Tool (ALERT) for Canadian Long-term Care Homes. \$99,500. Technology Evaluation in the Elderly Network (TECHVALUENET); Program: 2015 Catalyst Grant Program.
- Sep 2016 - Aug 2020. Sinclair S (NPA), Sawatzky R (PA), Hack TF (PA), **Sinnarajah A** (Co-A), et al. Development and Validation of a Patient-Reported Measure of Compassionate Care. \$638,356. Canadian Institutes for Health Research; Program: Project Scheme: 2016 1st Live Pilot.
- May 2015 - Apr 2016. Read Paul L (PI), **Sinnarajah A** (Co-I), et al. Web-Based Videoconferencing (WBVC) for Rural Palliative Care Consultation in the Home. \$20,000. Technology Evaluation in the Elderly Network (TECHVALUENET). Program: TVN 2014 Health Technology.

Other

- Jan 2018 - Mar 2019. Downar J (PI), **Sinnarajah A** (Collaborator), et al. Using an automated mortality prediction tool to focus advance care planning efforts for inpatients. \$194,395. National Centre for Excellence. Canadian Frailty Network. KT-2017-10
- Sep 2015 - Aug 2018. Davison S (PI), **Sinnarajah A** (Collaborator), et al. Development, Implementation and Evaluation of a Provincial Kidney Conservative Care Clinical Pathway. \$750,000. Alberta Innovates Health Solutions; Program: PRIHS II
- May 2015 - Apr 2017. Sinclair S (PI), **Sinnarajah A** (Knowledge user), et al. Healthcare providers' understandings and experiences of compassion: Improving the delivery of healthcare services to Albertans from the inside-out. \$99,125.30. M.S.I. Foundation.
- 2014. Simon J (PI), **Sinnarajah A** (Collaborator), et al. Division of Palliative Medicine Research Assistant support funding. \$47,000. Alberta Cancer Foundation.
- 2013 - 2016. Kadaroo R (PI), **Sinnarajah A** (Collaborator), et al. Optimizing Seniors Surgical Care - The Elder Friendly Surgical Unit. \$739,388. Alberta Innovates Health Solutions; PRIHS I.

IX. INVITED ADDRESSES

National

- "PSAFE", Session panellist, ARCC (Applied Research in Cancer Control) Virtual Conference 2021, Virtual (May 2021)
- "Integrating Elements of a Palliative Care Approach", Session Co-Chair. Canadian Cancer Research Conference 2019, Ottawa, Ontario (Nov 2019)
- "Palliative Care Early & Systematic (PaCES): Beginning Alberta's Journey to Provide Systematic, Early Palliative Care for Advanced Cancer Patients", Canadian Cancer Research Conference 2019, Ottawa, Ontario (Nov 2019)
- "Integration – Moving to the Optimal System", Session panellist, 2017 Canadian Hospice Palliative Care Association, Ottawa, Ontario (Sep 2017)

Provincial/Local

- "Palliative Care, It's Not What You Think, The Palliative Care Project", Lung Cancer Canada Alberta Patient Event, Virtual (Nov 2020)
- "What do I need to know as a family physician to deliver excellent Palliative care to my patients?", 65th Annual Family Medicine Summit, Banff (Mar 2020)
- "Palliative Care Early and Systematic (PaCES) Update", Provincial Palliative Tumour Team Meeting, Red Deer (Mar 2019)
- "PaCES: Palliative care early and systematic for metastatic colorectal cancer", 2018 Provincial Community Oncology meeting, Edmonton (Oct 2018)
- "Setting the PaCE – Palliative Care Early and Systematic for Metastatic Colorectal Cancer", 2017

- Gastrointestinal Tumour Team Meeting, Edmonton (Oct 2017)
- "Setting the PaCE – Palliative Care Early and Systematic for Metastatic Colorectal Cancer", Tom Baker Cancer Centre Grand Rounds, Calgary (Oct 2017)
- "Palliative / End of Life Care, Calgary Zone: How are we doing?", Palliative Grand Rounds, AHS Calgary Zone, Calgary (Feb 2017)
- "Palliative Care: It's About Living", Elder Law Interest Group, Calgary Bannister Association, Calgary (Dec 2016)
- "Palliative Care in Lung Cancer patients: The Calgary experience", Glans-Look Lung Cancer Research Day, Calgary (May 2016)
- "Physician perspective - implications and considerations across the Calgary zone (urban and acute): Acute care, IPCU, Hospice, Community - Home Living, LTC/SL" on Update on Physician Assisted Dying panel, Panel speaker, Mary O'Connor Palliative and Hospice Care Conference, Calgary (Apr 2016)
- "Comparison of Site of Death, Health Care Utilization, and Hospital Expenditures for Patients Dying With Cancer in 7 Developed Countries", Palliative Care Physician Journal Rounds, Calgary (Feb 2016)
- "Palliative Home Oxygen", Palliative Care Physician Journal Rounds, Calgary (Sep 2015)
- "The How, When and Where of Palliative Care in Calgary", Panel speaker, South Calgary Primary Care Network Forum, Calgary (May 2015)
- "Hematological Cancers & Palliative Care: Past, Present & Future", Panel speaker, Hematology Educational Rounds, Tom Baker Cancer Centre, Calgary (Apr 2015)
- "Patients Living with Advanced Cancer - Service gaps, Utilization and Emerging Opportunities", Panel speaker, Tom Baker Cancer Centre Grand Rounds, Calgary (Nov 2014)
- "How to Deal with Life When You Have Lung Cancer", Breathing Life into Lung Cancer: Information and Support, Calgary (Oct 2014)
- "Palliative Care & Resource Use at End of Life in Cancer Patients", Palliative Grand Rounds, Calgary (Oct 2014)
- "How to Deal with Life When You Have Lung Cancer", Breathing Life into Lung Cancer: Information and Support, Calgary (Dec 2013)
- "Medical Management of Palliative Patients", Integrating Palliative Care in Intensive Care, Calgary (Nov 2013)
- "Palliative Care Update", Southern Alberta Cancer Update 2013, Lethbridge (Sep 2013)
- "Palliative/ End of Life Care - Calgary Zone", Provincial Family Physician Initiative - Cancer Care, Calgary (Apr 2013)
- "Risk Management in the Emergency Department - Whose Role is it in managing challenging cancer pain patients in a community?", The Calgary Pain Conference, Calgary (Dec 2012)
- "Where Are Our Cancer Patients (not) Going? Exploring Palliative Care and Emergency Department Utilization by Adult Cancer Patients", Calgary Palliative Grand Rounds, Calgary (Jun 2012)
- "Pain in Palliative Care", Palliative Care Regional Orientation Program, Calgary (2006)
- "Spinal Cord Compression", Unit 43, Peter Lougheed Centre, Calgary (2005)
- "Bisphosphonates in Palliative care", Division of Continuing Care Grand Rounds, Calgary (2004)

X. PUBLICATIONS/PRESENTATIONS

Peer Reviewed Manuscripts (mentored trainee names underlined; senior authorship starred)

1. Robinson MC, Qureshi M, Sinnarajah A, Chary S, de Groot JM, Feldstain A. Missing in Action: Reports of Interdisciplinary Integration in Canadian Palliative Care. *Curr Oncol.* 2021, 28(4), 2699-2707; <https://doi.org/10.3390/curroncol28040235>.
2. Qureshi M, Robinson MC, Sinnarajah A, Chary S, de Groot JM, Feldstain A. Reflecting on Palliative Care Integration in Canada: A Qualitative Report. *Current Oncology.* 2021; 28(4):2753-2762. <https://doi.org/10.3390/curroncol28040240>.
3. Mracek J, Earp M, **Sinnarajah A***. Palliative home care and emergency department visits in the last 30 and 90 days of life: a retrospective cohort study of patients with cancer. *BMJ Supportive & Palliative Care* Published

Online First: 29 June 2021. doi: 10.1136/bmjspcare-2021-002889.

4. Sinclair S, Hack TF, MacInnis CC, Jaggi P, Boss H, McClement S, **Sinnarajah A**, Thompson G, COMPASS Research Team. Development and validation of a patient-reported measure of compassion in healthcare: the Sinclair Compassion Questionnaire (SCQ). *BMJ Open* 2021; 11:e045988. doi: 10.1136/bmjopen-2020-045988. <https://bmjopen.bmj.com/content/11/6/e045988>.
5. Harasym PM, Afzaal M, Brisbin S, Aynharan **Sinnarajah A**, Venturato L, Quail P, Kaasalainen S, Straus S, Sussman T, Virk N, Holroyd-Leduc JM. Multi-disciplinary supportive end of life care in long-term care: an integrative approach to improving end of life. *BMC Geriatrics* 2021; 21(1):1-10. <https://link.springer.com/article/10.1186/s12877-021-02271-1>.
6. Dunn S, Earp M, Biondo P, Cheung WY, Kerba M, Tang P, **Sinnarajah A**, Watanabe S, Simon J. Exploring Oncology Clinicians' Challenges to Providing Palliative Cancer Care - a Theoretical Domains Framework, Pan-Cancer System Survey. *Curr Onc* 2021; 28(2):1483-1494. <https://doi.org/10.3390/curroncol28020140>.
7. Earp M, Cai P, Fong A, Blacklaws K, Pham TM, Shack L, **Sinnarajah A***. Hospital-based acute care in the last 30 days of life among patients with chronic disease that received early, late or no specialist palliative care: a retrospective cohort study of eight chronic disease groups. *BMJ Open* 2021;11:e044196. <https://bmjopen.bmj.com/content/11/3/e044196>.
8. Karim S, Lupichuk S, Tan A, **Sinnarajah A**, Simon J. Real World Implementation of the Serious Illness Program in Cancer Care: Results of a Quality Improvement Initiative. *J Palliat Med.* 2021 Jun;24(6), 905-909. doi: 10.1089/jpm.2020.0680.
9. Ahmed S, Naqvi SF, **Sinnarajah A**, McGhan G, Simon J, Santana M. Patient and Caregiver Experiences with Advanced Cancer Care: A Qualitative Study Informing the Development of an Early Palliative Care Pathway. *BMJ Supp Pall Care*. Published Online First: 19 October 2020. doi: 10.1136/bmjspcare-2020-002578.
10. Booker R, Dunn S, Earp MA, **Sinnarajah A**, Biondo PD, Simon JE. Hematology oncology clinicians' perspectives on integrating palliative care in oncology. *Curr Onc.* Dec 2020; 27(6), 313-320.
11. Harsym PM, Brisbin S, Misha A, **Sinnarajah A**, Venturato L, Quail P, Kaasalainen S, Straus S, Tamara S, Navjot V, Holroyd-Leduc J. Barriers and facilitators to optimal supportive end-of-life palliative care in long-term care facilities: a qualitative descriptive study of community-based and specialist palliative care physicians' experiences, perceptions and perspectives. *BMJ Open.* 2020 Aug 5;10(8):e037466.
12. Atchison KM, TruongMing P, Khokan CS, Weeks LA, Vytutas Karosas AP, **Sinnarajah A**, Dort JC, Cheung WY, Shack L. Premature Deaths due to Head and Neck Cancers in Canada: A Nation-wide Analysis from 1980 to 2010. *The Laryngoscope.* Apr 2020; 130(4):911-917.
13. **Bandeali S**, Roze des Ordon A, **Sinnarajah A***. Comparing the physical, psychological, social and spiritual needs of patients with non-cancer diagnoses to those with cancer diagnoses in a tertiary palliative care setting. *Palliat Support Care* 2020 Oct;18(5):513-518. doi: 10.1017/S1478951519001020. Online repository: <https://prism.ucalgary.ca/handle/1880/111332>
14. Henderson D, Boyle A, Herx L, Alexiadis A, Barwich D, Connidis S, Lysecki D, **Sinnarajah A**. Canadian Society of Palliative Care Physicians Staffing a Specialist Palliative Care Service, A Team-Based Approach: Expert Consensus White Paper. *J Pall Med.* 2019 Nov;22(11):1318-1323. *[Top 20 Most Read Articles of J Pall Med in 2019]*
15. Abdul-Razzak A, Lemieux L, **Ong M**, Perez G, **Sinnarajah A***. Description of Continuous Palliative Sedation Practices in a Large Health Region and Comparison with Clinical Practice Guidelines. *Journal of Palliative Medicine.* 2019 Sep;22(9):1052-1064. <http://doi.org/10.1089/jpm.2018.0372>. Online repository: <https://prism.ucalgary.ca/handle/1880/111331>

16. Davison SN, Tupala B, Wasylynuk Betty A, Siu V, **Sinnarajah A**, Triscott J. Recommendations for the Care of Patients Receiving Conservative Kidney Management: Focus on Management of Chronic Kidney Disease and Symptoms. *Clinical Journal of the American Society of Nephrology*. Feb 2019. DOI: <https://doi.org/10.2215/CJN.10510917>.
17. Tung J, Chadder J, Dudgeon D, Louzado C, Niu J, Rahal R, **Sinnarajah A***. Palliative care for cancer patients near end of life in acute-care hospitals across Canada: a look at the inpatient palliative care code. *Current Oncology*. 2019 Feb;26(1):43-47.
18. Read Paul L, Salmon C, **Sinnarajah A**, Spice R. Web-Based Videoconferencing for Rural Palliative Care Consultation with Elderly Patients at Home. *Supportive Care in Cancer* (2019) 27:3321.
19. Harrison TG, Tam-Tham H, Hammelgarn BR, James MT, **Sinnarajah A**, Thomas CM. Identification and Prioritization of Quality Indicators for Conservative Kidney Management. *American J Kidney Disease*. pii: S0272-6386(18)30937-5. 2019 Feb;73(2):174-183. <https://doi.org/10.1053/j.ajkd.2018.08.014>.
20. Earp MA, **Sinnarajah A**, Kerba M, Tang P, Rodriguez Arguello J, Rajani S, Watanabe S, Simon J. Opportunity is the greatest barrier to providing palliative care to advanced colorectal cancer patients: a province-wide survey of oncology health care professional's perceptions. *Current Oncology*. 2018 Oct;25(5):e480-e485.
21. Feldstain A, Bultz B, de Groot J, Abdul-Razzak A, Herx L, Galloway L, Chary S, **Sinnarajah A**. Outcomes from a Patient-Centred, Interprofessional, Palliative Consult Team in Oncology. *J Natl Comp Cancer Network (JNCCN)*. 2018 Jun;16(6):719-726. doi: 10.6004/jnccn.2018.7014.
22. Singh P, Raffin-Bouchal S, McClement S, Hack TF, Stajduhar K, Hagen NA, **Sinnarajah A**, Chochinov H, Sinclair S. Healthcare providers' perspectives on perceived barriers and facilitators of compassion: Results from a grounded theory study. *J Clin Nurs*. 2018 May;27(9-10):2083-2097. Doi: 10.1111/jocn.14357.
23. Sinclair S, Hack TF, Raffin-Bouchal S, McClement S, Stajduhar K, Singh P, Hagen NA, **Sinnarajah A**, Chochinov HM. What are healthcare providers' understandings and experiences of compassion? The healthcare compassion model: a grounded theory study of healthcare providers in Canada. *BMJ Open* 2018 Mar 14;8(3):e019701. Doi:10.1136/bmjopen-2017-019701.
24. Digges M, Hussein A, Wilcock A, Crawford GB, Boland JW, Agar MR, **Sinnarajah A**, Currow DC, Johnson MJ. Pharmacovigilance in Hospice/Palliative Care: Net Effect of Haloperidol for Nausea or Vomiting. *J Palliat Med* 21(1), Jan 2018: 44-54; <http://doi: 10.1089/jpm.2017.0159>.
25. Roldan Urgoiti G, **Sinnarajah A**, Hussain S, Hao D. Paraneoplastic neuropsychiatric syndrome presenting as Delirium. *BMJ Support Palliat Care*. 2017 Jun; 7(2):218-220. 2016. doi: 10.1136/bmjspcare-2015-001043.
26. Johnson M, Bland MJ, Gahbauer EA, Ekstrom M, **Sinnarajah A**, Gill T, Currow D. Breathlessness in the elderly during the last year of life sufficient to restrict activity: Prevalence, Pattern and Associated Factors. *J Amer Ger Soc*. 2016 Jan;64(1):73-80. doi: 10.1111/jgs.13865.
27. Grendarova P, **Sinnarajah A**, Trotter T, Card C, Wu JS. Variations in intensity of end-of-life cancer therapy by cancer type at a Canadian tertiary cancer centre between 2003 and 2010. *Support Care Cancer*. 2015 Oct;23(10):3059-67. doi: 10.1007/s00520-015-2676-y.
28. Jung H, **Sinnarajah A**, Enns B, Voroney JP, Murray A, Pelletier G, Wu JS. Managing brain metastases patients with and without radiotherapy: Initial lessons from a team-based consult service through a multidisciplinary integrated palliative oncology clinic. *Support Care Cancer*. 2013; 21(12), 3379-3386. doi: 10.1007/s00520-013-1917-1.
29. Rosenal T, Fantin L, **Sinnarajah A**, Gregson D, Mageau A, Rich T, Pattullo A, Jamieson P, Kraft S, Robert J, Ross S. Optimizing Standard Patient Management through Order Sets – Impact on Care (Blood Cultures). *Studies*

in Health Technology and Informatics 2009; 143:487-95.

30. Rosenal T, Manji S, Mandolesi J, Richea R, Pattullo A, Jamieson P, Kraft S, **Sinnarajah A**. Computerized Physician Order Entry: Impact of Leadership Engagement on Adoption. *J on Information Tech in Healthcare* 2008; 6(2): 129-137.

Non-Peer Reviewed Manuscripts

1. *Multiple authors* including **Sinnarajah, A**. SEADS: South East Asia Disaster Management System - Project Report for Summer Session '99, International Space University. Nakhon Ratchasima, Thailand, 1999.

Books/Chapters

1. **Sinnarajah A**. Chapter 47: Comparing and Contrasting the Approach to Advance Care Planning in Multiple Sclerosis. In: *Case Studies in Neuropalliative Care*. Cambridge University Press; 2018 May 31:161.
2. Holland, J., **Sinnarajah, A**. (eds.) Endocrinology. In: 2001 Toronto Notes – Medical Council of Canada Qualifying Examination Review Notes and Lecture Notes. Ahuja, G., Yue, J. editors. Toronto, 2001.

Abstracts

1. Pabani A, Ahmed S, Simon J, Biondo P, Hao D, **Sinnarajah A**. Acceptability of Automatic Referrals to Supportive and Palliative Care by Patients Living with Advanced Lung Cancer: A Co-Design Process. Lightning and Panel presentation. 2021 Virtual Canadian Cancer Research Conference. Nov 2021
2. Simon J, Earp M, Al Sayah F, Rahman M, Tang P, Kerba M, Biondo P, Kassam S, Beaumont C, Watanabe SM, Tan A, **Sinnarajah A**. Using EQ-5D-5L in patients with advanced colorectal cancer – Feasibility of longitudinal measurement in a community dwelling cohort approaching death. 17th World Congress of the European Association for Palliative Care. Virtual. Oct 2021
3. Mracek J, Earp M, **Sinnarajah A***. Palliative Home Care and Emergency Department Visits in the Last 30 and 90 Days of Life: A Retrospective Cohort Study of Cancer Patients. 17th World Congress of the European Association for Palliative Care. Virtual. Oct 2021
4. Ahmed S, Simon J, Biondo P, Hao D, **Sinnarajah A**. Acceptability of Automatic Referrals to Supportive and Palliative Care by Patients Living with Advanced Lung Cancer: A Co-Design Process. IASLC 2021 World Conference on Lung Cancer. Virtual. Sep 2021
5. Sumar N, Earp M, Hao D, **Sinnarajah A***. Palliative care as a predictor of healthcare resource use at end-of-life in adult Albertan lung cancer decedents between 2008-2015: A secondary data analysis. *Journal of Clinical Oncology* 39, no. 15_suppl. DOI: 10.1200/JCO.2021.39.15_suppl.e24009. Published online May 28, 2021.
6. Oureshi M, Robinson M, **Sinnarajah A**, Chary S, De Groot J, & Feldstain A. Reflecting on palliative care integration in healthcare in Canada: A brief qualitative report. Paper presentation. Canadian Association of Psychosocial Oncology Annual Conference. Virtual. Jun 2021.
7. Simon J, Earp M, Al Sayah F, Rahman M, Tang P, Kerba M, Biondo P, Kassam S, Beaumont C, Watanabe SM, Tan A, **Sinnarajah A**. Using EQ-5D-5L in palliative care – how feasible is longitudinal measurement in a community dwelling cohort of patients with advanced colorectal cancer approaching death? 17th World Congress of the European Association for Palliative Care Oct 2021
8. Mracek J, Earp M, **Sinnarajah A***. Palliative Home Care and Emergency Department Visits in the Last 30 and 90 Days of Life: A Retrospective Cohort Study of Cancer Patients. 17th World Congress of the European Association for Palliative Care Oct 2021
9. Williams N, Guthrie DM, Cohen J, Declercq A, Fisher K, Fries B, Goodridge D, Hirdes J, **Sinnarajah A**,

- Tanuseputro P, and Vadeboncoeur C. Development and testing of quality indicators for palliative care in Canada using interRAI data. *Canadian Health Services and Policy Research Conference* May 2021
10. Rahman M, Earp MA, Kassam S, Beaumont C, Biondo P, Tang P, Watanabe S, Simon J, **Sinnarajah A***. Living with Advanced Colorectal Cancer: How Prepared are Informal Caregivers to Care for their Loved ones? *Canadian Health Services and Policy Research Conference* May 2021
 11. **Sinnarajah A**, Bond C, Tan A, Tang P, Karim S, Kerba M, Biondo P, Watanabe SM, Simon J. Development and implementation of "advanced cancer shared care letters" to improve shared care between oncologists and family physicians. *Canadian Health Services and Policy Research Conference* May 2021
 12. **Sinnarajah A**, Biondo P, Kassam S, Beaumont C, Earp M, Essue B, Longo C, Watanabe S, Simon J. Characterizing the financial burden of advanced cancer: interim analysis of financial effects data from people living with advanced colorectal cancer. *Canadian Health Services and Policy Research Conference* May 2021
 13. Mracek J, Earp M, **Sinnarajah A***. Palliative home care and emergency department visits in the last 30 and 90 days of life: a retrospective cohort study of cancer patients. *Canadian Health Services and Policy Research Conference* May 2021
 14. Rahman M, Earp MA, Kassam S, Beaumont C, Biondo P, Tang P, Watanabe S, Simon J, **Sinnarajah A***. Living with Advanced Colorectal Cancer: How Prepared are Informal Caregivers to Care for their Loved ones? *ARCC (Applied Research in Cancer Control) Virtual Conference 2021*, May 2021
 15. Mracek J, Earp M, **Sinnarajah A***. Palliative home care and emergency department visits in the last 30 and 90 days of life: a retrospective cohort study of cancer patients. *ARCC (Applied Research in Cancer Control) Virtual Conference 2021*, May 2021
 16. **Sinnarajah A**, Biondo P, Kassam S, Beaumont C, Earp M, Essue B, Longo C, Watanabe S, Simon J. Characterizing the financial burden of advanced cancer: interim analysis of financial effects data from people living with advanced colorectal cancer. *ARCC (Applied Research in Cancer Control) Virtual Conference 2021*, May 2021
 17. **Sinnarajah A**, Bond C, Tan A, Tang P, Karim S, Kerba M, Biondo P, Watanabe SM, Simon J. Development and implementation of "advanced cancer shared care letters" to improve shared care between oncologists and family physicians. *ARCC (Applied Research in Cancer Control) Virtual Conference 2021*, May 2021
 18. Adamova I, Goodarzi Z, **Sinnarajah A***. Severe Dementia: Factors Affecting In-Hospital Death in a large Canadian health region: A Retrospective Cohort study. *EuGMS (European Geriatric Medicine Society) e-Congress* Oct 2020
 19. Vandale J, Bond C, Biondo P, Simon J, Janzen C, Hagel J, Earp M, Shirt L, **Sinnarajah A**. Is palliative care ready for early palliative care? A mixed methods account of an early and integrated palliative care initiative. *EAPC 11th World Research Congress* Oct 2020
 20. Biondo P, Kassam S, Beaumont C, Earp M, Essue B, Longo C, Simon J, Watanabe SM, **Sinnarajah A**. Characterizing the financial burden of advanced cancer: interim analysis of financial effects data from people living with advanced colorectal cancer. *EAPC 11th World Research Congress* Oct 2020
 21. Karim S, Lupichuk S, Tan A, **Sinnarajah A**, Simon J. Real World Implementation of Serious Illness Care Program (SICP) in Cancer Care. DOI:<https://doi.org/10.1016/j.annonc.2020.08.142> *Annals of Oncology* 31, no.4, S935-s936 (European Society of Medical Oncology Virtual Congress 2020, Sep 2020)
 22. Karim S, Lupichuk S, Tan A, **Sinnarajah A**, Simon J. Real-world implementation of serious illness care program (SICP) in cancer care. DOI: 10.1200/JCO.2020.38.15_suppl.e24112 *Journal of Clinical Oncology* 38, no. 15_suppl.

23. Boss H, Hack T, MacInnis C, Jaggi P, McClement S, **Sinnarajah A**, Thompson G, Sinclair S. The Development and Validation of a Patient Reported Compassion Measure. *Canadian Psychology Association Annual Convention* May 2020
24. Ahmed S, Naqvi F, **Sinnarajah A**, McGhan G, Santana M. Patient and caregiver experiences with early palliative care in Calgary, Alberta: a qualitative study. *Canadian Association for Health Services and Policy Research Annual Conference (cancelled due to COVID-19 pandemic)*. May 2020
25. Ahmed S, Naqvi F, **Sinnarajah A**, McGhan G, Santana M. Patient and caregiver experiences of advanced cancer care: a qualitative study. *Curr Oncol*. 2020 Feb; 27(1): e64. doi: [10.3747/co.27.6045](https://doi.org/10.3747/co.27.6045)
26. Earp M, Cai P, Fong A, Blacklaws K, Karim S, Cheung WY, Tang P, Kerba M, **Sinnarajah A**. Impact of specialist palliative care delivered over three months prior to death on a colorectal cancer patient's risk of experiencing aggressive end-of-life care. *Canadian Cancer Research Conference* November 2019
27. Kassam S, Beaumont C, Simon J, Biondo P, Watanabe S, Earp M, Tang PA, **Sinnarajah A**. Feasibility of collecting survey-based patient-reported outcome measures (PROMs) from patients living with advanced cancer: Emerging findings from the Living with Colorectal Cancer study. *Canadian Cancer Research Conference* November 2019
28. **Sinnarajah A**, Spice R, Tan A. SUPPORT-FM: supporting family physicians to provide community-based primary palliative care for their patients. *Canadian Cancer Research Conference* November 2019
29. **Sinnarajah A**, Vandale J, Gray R, Raffin Bouchal S, Biondo P, Thiessen M, Angevine P, Woytkiw T, Tan A. Palliative Care Early and Systematic (PaCES): assessing patient and caregiver preferences for early palliative care delivery in rural Alberta. *Canadian Cancer Research Conference* November 2019
30. **Sinnarajah A**, Dunn S, Earp M, Biondo P, Cheung WY, Watanabe S, Kerba M, Tang P, Galloway L, Simon J. Barriers to providing palliative care to patients with advanced cancer: a provincial survey of oncology clinicians. *Canadian Cancer Research Conference* November 2019
31. Ahmed S, Naqvi F, **Sinnarajah A**, McGhan G, Santana M. Understanding Patient and Caregiver Experiences of Advanced Cancer Care in Alberta: A Qualitative Study. *30th Annual Palliative Education & Research Days* Oct 2019
32. Watanabe S, Bond C, Tan A, Tang P, Biondo P, Simon J, **Sinnarajah A**. Development and implementation of "advanced cancer shared care letters" to improve shared care between oncologists and family physicians. *Supportive Care in Oncology Symposium* Oct 2019
33. Kerba M, Kassam S, Beaumont C, Biondo P, Earp M, Tang PA, Simon J, Watanabe S, **Sinnarajah A**. Feasibility of collecting survey-based patient-reported outcome measures (PROMs) from patients living with advanced cancer: Emerging findings from the Living with Colorectal Cancer study. DOI: 10.1200/JCO.2019.37.27_suppl.207. *Journal of Clinical Oncology* 37, no. 27_suppl 207-207
34. Kerba M, Kassam S, Beaumont C, Biondo P, Earp M, Tang PA, Simon J, Watanabe S, **Sinnarajah A**. Living with advanced colorectal cancer: How prepared are informal caregivers to care for their loved ones? DOI: 10.1200/JCO.2019.37.27_suppl.179 *Journal of Clinical Oncology* 37, no. 27_suppl 179-179
35. Watanabe S, Dunn S, Earp M, Shirt L, Biondo P, Cheung W, Kerba M, Tang PA, **Sinnarajah A**, Simon J. Barriers to providing palliative care to patients with advanced cancer: A province-wide survey of oncology clinicians' perceptions. DOI: 10.1200/JCO.2018.36.34_suppl.88 *Journal of Clinical Oncology* 36, no. 34_suppl 88-88
36. Kerba M, Kassam S, Beaumont C, Biondo P, Earp M, Tang PA, Simon J, Watanabe S, **Sinnarajah A**. Living with advanced colorectal cancer: How prepared are informal caregivers to care for their loved ones? *ASCO Quality Care Symposium* Sep 2019

37. Vandale J, Gray R, Bouchal SR, Biondo P, Thiessen M, Angevine P, Woytkiw T, **Sinnarajah A**. Life on the Outskirts – Perceptions of Rural Patients and Caregivers Regarding Early Palliative Care in Advanced Cancer: A Qualitative Study. *Canadian Hospice Palliative Care Conference* Sep 2019
38. Ahmed S, Naqwi F, **Sinnarajah A**, McGhan G, Santana M. Understanding patient and caregiver experiences of advanced cancer care in Alberta: A qualitative study. *MASCC/ISO Annual Meeting on Supportive Care in Cancer* Jun 2019
39. **Sinnarajah A**, Vandale J, Gray R, Bouchal SR, Biondo P, Thiessen M, Angevine P, Woytkiw T. Palliative Care Early and Systematic (PaCES): Assessing Patient and Caregiver Preferences for Early Palliative Care Delivery in Rural Alberta. *MASCC/ISO Annual Meeting on Supportive Care in Cancer* Jun 2019
40. Earp M, Cai P, Fong A, Blacklaws K, Karim S, Cheung WY, Tang P, Kerba M, **Sinnarajah A**. Impact of specialist palliative care delivered over three months prior to death on a colorectal cancer patient's risk of experiencing aggressive end-of-life care. *ASCO Annual Conference* May 2019
41. **Sinnarajah A**, Read Paul L, Berg B. Development and Evaluation of an Innovative Model for Augmenting Home Care Services for Palliative Clients in Rural Communities. *Canadian Association of Health Services and Policy Research Scientific Conference* May 2019
42. Ahmed S, Naqwi F, **Sinnarajah A**, McGhan G, Santana M. Patient and Caregiver Experiences of Living with Advanced Colorectal Cancer: A Qualitative Study. *ARCC (Canadian Centre for Applied Research in Cancer Control) Conference* May 2019
43. Bandeali S, Roze des Ordon A, **Sinnarajah A**. Physical, psychological, social & spiritual needs of patients with non-cancer diagnoses in tertiary palliative care. *Advanced Learning in Palliative Medicine conference* May 2019
44. Biondo P, Dunn S, Earp M, Cheung W, Watanabe S, Kerba M, Tang PA, Galloway L, **Sinnarajah A**, Simon J. Barriers to providing palliative care to patients with advanced cancer: A province-wide survey of oncology clinicians. *Advanced Learning in Palliative Medicine conference* May 2019
45. Biondo P, Tan A, Bond C, Watanabe S, Kerba M, Tang P, Galloway L, Baumgarten C, **Sinnarajah A**, Simon J. Building an early palliative care pathway for advanced colorectal cancer patients: identifying barriers and gaps. *Advanced Learning in Palliative Medicine conference* May 2019
46. **Sinnarajah A**, Earp M, Murray A, Wu J. Association of Specialist Palliative Care with Health Care Resource Use at End of Life in Cancer Patients. *16th World Congress of the European Association for Palliative Care* May 2019
47. Fong A, Cai P, **Sinnarajah A**. Validating the accuracy of place of death in Vital Statistics of Calgary Zone residents in 2015. *Gairdner International Symposium* Nov 2018
48. Dunn S, Spice R, **Sinnarajah A**, Tan A. Supporting family physicians to provide community-based primary palliative care for their patients. *Accelerating Primary Care Conference* Nov 2018
49. Dunn S, Earp M, Biondo P, Cheung WY, Watanabe SM, Kerba M, Tang P, **Sinnarajah A**, Simon J. Barriers to Providing Palliative Care to Patients with Advanced Cancer: A Province-Wide Survey of Oncology Clinicians' Perceptions. *Palliative and Supportive Care in Oncology Symposium* Nov 2018
50. Fong A, Cai P, **Sinnarajah A**. Validating the accuracy of place of death in Vital Statistics of Calgary Zone residents in 2015. Poster session at *AHS Analytics Portfolio Retreat* Nov 2018
51. Watanabe S, Bond C, Meller M, Biondo P, **Sinnarajah A**, Tang P, Tan A, Baumgarten C, Simon J. Building an early palliative care pathway for advanced colorectal cancer patients in Alberta: identifying current state

- barriers and gaps to early palliative care. *29th Annual Palliative Care Education and Research Days* Oct 2018
52. Watanabe S, Dunn S, Spice R, Simon J, **Sinnarajah A**, Tan A. PaCES and SUPPORT-FM: Supporting family physicians to provide community-based primary palliative care for their patients. *29th Annual Palliative Care Education and Research Days* Oct 2018
53. Watanabe S, Earp M, Simon J, Kerba M, **Sinnarajah A**. Palliative Care Early and Systematic (PaCES): A survey of colorectal cancer clinicians of barriers and facilitators to early palliative care integration. *29th Annual Palliative Care Education and Research Days* Oct 2018
54. Watanabe S, Vandale J, Gray R, Bouchal SR, Biondo P, Thiessen M, Angevine P, Woytkiw T, Tan A, Simon J, **Sinnarajah A**. Palliative Care Early and Systematic (PaCES): Assessing Patient and Caregiver Preferences for Early Palliative Care Delivery in Rural Alberta. *29th Annual Palliative Care Education and Research Days* Oct 2018
55. Watanabe S, Faily V, Tarumi Y, Fainsinger R, **Sinnarajah A**, Potapov A, Baracos V. Impact of palliative care consultation on aggressive end-of-life care in advanced cancer patients at a cancer centre. *29th Annual Palliative Care Education and Research Days* Oct 2018
56. Tiedje K, Ward K, Forsyth E, **Sinnarajah A**. Hospice Information Transfer: A Calgary Collaborative Approach. *29th Annual Palliative Care Education and Research Days* Oct 2018
57. Bond C, Meller M, Biondo P, Earp M, **Sinnarajah A**, Tang P, Tan A, Kerba M, Galloway L, Baumgarten C, Simon J. Building an Early Palliative Care Pathway for Advanced Colorectal Cancer Patients in Alberta: Identifying Current State Barriers and Gaps to Early Palliative Care. *Journal of Pain and Symptom Management* 2018; 56(6): e136
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63. Watanabe S, Faily V, Tarumi Y, Fainsinger R, **Sinnarajah A**, Potapov A, Baracos V. Impact of palliative care consultation on quality of end-of-life care in advanced cancer patients at a cancer center. *Advanced Learning in Palliative Medicine Conference* May 2018
64. Hui J, Lohmann T, Orton K, **Sinnarajah A**. Use of Heated Humidified High Flow Oxygen in the Palliative setting: Developing a Practice Support Document in Calgary, Canada. *Advanced Learning in Palliative Medicine Conference* May 2018

65. Watanabe S, **Sinnarajah A**, Earp M, Tang P, Kerba M, Simon J. Palliative Care Early and Systematic (PaCES): A survey of colorectal cancer clinicians of barriers and facilitators to early palliative care integration. *Advanced Learning in Palliative Medicine Conference* May 2018
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69. Earp MA, Simon J, Kerba M, **Sinnarajah A**. Palliative Care, Early & Systematic (PaCES) Project: Impact on Patient & Health Systems Outcomes. *Choosing Wisely Canada Alberta Symposium* Mar 2018
70. Watanabe S, **Sinnarajah A**, Earp M, Tang PA, Kerba M, Simon J. Palliative Care Early and Systematic (PaCES): A survey of colorectal cancer clinicians of barriers and facilitators to early palliative care integration. *Journal of Clinical Oncology*. DOI: 10.1200/JCO.2017.35.31_suppl.128 *Journal of Clinical Oncology* 35, no. 31_suppl (November 2017) 128-128
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72. Sinclair S, Hack TF, Raffin-Bouchal S, McClement S, Hagen N, **Sinnarajah A**, Stajduhar K, Singh P, Chochinov HM. Compassion is a Two-way Street: The Development of a Healthcare Provider Model of Compassion. *European Journal of Palliative Care*, 24(3:Suppl), 209. pg. 960. Sep 2017
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75. Hui J, Lohmann T, Orton K, **Sinnarajah A**. The Use of Heated Humidified High Flow Oxygen Therapy in the Palliative Setting: Developing a Practice Support Document for Use in Calgary, Canada. *Canadian Hospice Palliative Care Conference* Sep 2017
76. Walker J, Drew-McKinstry M, **Sinnarajah A**. Evaluation of a Standardized Electronic End-of-Life Order Set Targeted at Improving the Quality of End-of-Life Care within Hospital Inpatients. *Canadian Hospice Palliative Care Conference* Sep 2017
77. Polsky Z, Lang E, Rodin I, **Sinnarajah A**, Fung T, Thomas B. Preliminary Results for the Canary in the Coal Mine Study: Does Palliative Care Reduce Emergency Department Utilization? *Cdn J Emerg Med* 2017; 19,S1,S65. <https://doi.org/10.1017/cem.2017.167>
78. Berg B, Hagel J, **Sinnarajah A**. Palliative / End of Life Care – Calgary Zone. *CFHI (Canadian Foundation for Healthcare Improvement) Innovation in Palliative and End-of-Life Care. CEO Forum (Storyboard)* Jun 2017
79. Sinclair S, Hack T, Raffin-Bouchal S, McClement S, Hagen N, **Sinnarajah A**, Stajduhar K, Singh P, Chochinov HM. Compassion is a Two-way Street: The Development of a Healthcare Provider Model of Compassion. *15th World Congress of the European Association for Palliative Care* May 2017

80. Earp MA, Simon J, Kerba M, **Sinnarajah A**. Palliative Care, Early & Systematic (PaCES) Project: Impact on Patient & Health Systems Outcomes. *Campus Alberta Health Outcomes and Public Health* May 2017
81. Hui J, Lohmann T, Orton K, **Sinnarajah A**. The Use of Heated Humidified High Flow Oxygen Therapy in the Palliative Setting: Developing a Practice Support Document for Use in Calgary, Canada. *17th Annual Mary O'Connor Palliative and Hospice Care Conference* Apr 2017
82. Walker J, Drew-McKinstry M, **Sinnarajah A**. Evaluation of a Standardized Electronic End-of-Life Order Set Targeted at Improving the Quality of End-of-Life Care within Hospital Inpatients. *17th Annual Mary O'Connor Palliative and Hospice Care Conference* Apr 2017
83. Kallan L, Grinman M, Human T, Ying I, Pattullo A, Wong H, **Sinnarajah A**, Feldman S, Moffat D, Cummings G. Anticipatory Long-term care Electronic Resident Triage Tool (ALERT): An Interim Report on a Pilot Study for Implementation of e-INTERACT in Canadian Long-Term Care Homes. *Canadian Frailty Network 2017 Annual National Conference* Apr 2017
84. Walker J, Drew-McKinstry M, **Sinnarajah A**. Evaluation of a Standardized Electronic End-of-Life Order Set Targeted at Improving the Quality of End-of-Life Care within Hospital Inpatients. *6th International Seminar of the PRC (European Palliative Care Research Centre) and EAPC(European Association of Palliative Care) Research Network* Dec 2016
85. Read-Paul L, Salmon C, **Sinnarajah A**, Ho G, Webb M, Uniacke J, Linsey J, Salmon C, Kettle J, Mohammed R, Spice R. Web-Based Videoconferencing for Rural Palliative Care Consultation in the Home. *6th International Seminar of the PRC (European Palliative Care Research Centre) and EAPC(European Association of Palliative Care) Research Network* Dec 2016
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88. Hui J, Lohmann T, Orton K, **Sinnarajah A**. The Use of Heated Humidified High Flow Oxygen Therapy in the Palliative Setting: Developing a Practice Support Document for Use in Calgary, Alberta. *J Pain Symp Mgmt* 2016. 52(6):e105. DOI: <http://dx.doi.org/10.1016/j.jpainsymman.2016.10.225>
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91. Johnson MJ, Bland JM, Gahbauer EA, Ekstrom M, **Sinnarajah A**, Gill TM, Currow DC. Restricting dyspnea in older people: last year of life. *Dyspnea Symposium* Jun 2016
92. Larose S, Wheler B, Caouette L, Schafer-Blood K, Edey J, **Sinnarajah A**. Palliative Home Care: Exploring After-Hours Service Delivery. *16th Annual Mary O'Connor Palliative and Hospice Care Conference* Apr 2016
93. Read-Paul L, Salmon C, **Sinnarajah A**, Ho G, Webb M, Uniacke J, Linsey J, Salmon C, Kettle J, Mohammed

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94. Read-Paul L, Salmon C, **Sinnarajah A**, Ho G, Webb M, Uniacke J, Linsey J, Salmon C, Kettle J, Mohammed R, Spice R. Web-Based Videoconferencing for Rural Palliative Care Consultation in the Home. *Continuing Care and Community Living Expo (Calgary)* Apr 2016 (First Place Poster)
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96. Read-Paul L, Salmon C, **Sinnarajah A**, Ho G, Webb M, Uniacke J, Linsey J, Salmon C, Kettle J, Mohammed R, Spice R. Web-Based Videoconferencing for Rural Palliative Care Consultation in the Home. *Alberta College of Family Physicians' 61st Annual Scientific Assembly* Mar 2016
97. Kerba M, **Sinnarajah A**, Rose MS, Nicholson L, Wheler B, Enns B. End-of-life cancer care: Health service delivery in the last 12 months of life in Calgary, Alberta, Canada. *Choosing Wisely Campaign Symposium* Feb 2016
98. Kerba M, **Sinnarajah A**, Rose MS, Nicholson L, Wheler B, Enns B. End-of-life cancer care: Health service delivery in the last 12 months of life in Calgary, Alberta, Canada. *Canadian Cancer Research Conference* Nov 2015
99. Larose S, Wheler B, Caouette L, Schafer-Blood K, Edey J, **Sinnarajah A**. Palliative Home Care: Exploring After-Hours Service Delivery. *Canadian Hospice Palliative Care Conference* Oct 2015
100. Larose S, Wheler B, Caouette L, Schafer-Blood K, Edey J, **Sinnarajah A**. Palliative Home Care: Exploring After-Hours Service Delivery. *Quality Summit: Igniting Change* Oct 2015
101. Larose S, Wheler B, Caouette L, Schafer-Blood K, Edey J, **Sinnarajah A**. Palliative Home Care: Exploring After-Hours Service Delivery. *Palliative Care Education and Research Days* Oct 2015
102. Roldan-Urgoiti G, **Sinnarajah A**, Hussain S, Hao D. A Case of Paraneoplastic Neuropsychiatric Syndrome Presenting as Terminal Delirium. *Palliative Care Education and Research Days* Oct 2015
103. Kerba M, **Sinnarajah A**, Rose MS, Nicholson L, Wheler B, Enns B. End-of-life cancer care: Health service delivery in the last 12 months of life in Calgary, Alberta, Canada. *J Clin Oncol* 33, 2015 (suppl 29S; abstr 171)
104. Read-Paul L, Salmon C, **Sinnarajah A**, Ho G, Webb M, Uniacke J, Linsey J, Salmon C, Kettle J, Mohammed R, Spice R. Web-Based Videoconferencing for Rural Palliative Care Consultation in the Home. *3rd Annual Technology Evaluation in the Elderly Conference* Sep 2015
105. Johnson MJ, Bland JM, Gahbauer EA, Ekstrom M, **Sinnarajah A**, Gill TM, Currow DC. Breathlessness In The Elderly During The Last Year Of Life Sufficient To Restrict Activity. *Am J Respir Crit Care Med* 2015; 191, A3911-A3911
106. Walker J, Drew-McKinstry M, Simon J, Holroyd-Leduc J, Lalumiere G, **Sinnarajah A**. Evaluation of a Standardized Electronic End-of-Life Order Set Targeted at Improving the Quality of End-of-Life Care within Hospital Inpatients. *11th Advanced Learning in Palliative Medicine* May 2015
107. Roldan-Urgoiti G, **Sinnarajah A**, Hussain S, Hao D. A Case of Paraneoplastic Neuropsychiatric Syndrome Presenting as Terminal Delirium. *11th Advanced Learning in Palliative Medicine* May 2015
108. **Sinnarajah A**, Larose S, Wheler B. Palliative Home Care Response Team Workload & Outcomes Project. *11th Advanced Learning in Palliative Medicine* May 2015

109. Wheler B, Hagel J, Kozicky R, Murphy L, Turner M, **Sinnarajah A**, Martin TLW. Managing End of Life Symptom Crises in the Home: An Innovative Partnership between Palliative Home Care and Emergency Medical Services in the Calgary Zone of Alberta Health Services. *25th Annual Palliative Education and Research Days* Oct 2014
110. Noss C, Shinkaruk K, **Sinnarajah A**. Do Externalized Tunnelled Intrathecal or Epidural Catheters placed for Palliative Pain Management lead to High-Risk Complications? A Retrospective Case Series. *15th World Congress on Pain* Oct 2014
111. Murphy L, Hagel J, **Sinnarajah A**, Kozicky R, Martin TLW, Walker J. Unexpected Symptom Crisis Management at End of Life in the Home. *20th International Congress on Palliative Care* Sep 2014
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113. Drew-McKinstry M, Walker J, Simon J, Holroyd-Leduc J, Lalumiere G, **Sinnarajah A**. Evaluation of a Standardized Electronic End-of-Life Order Set Targeted at Improving the Quality of End-of-Life Care within Hospital Inpatients. *J Pall Care* 2014; 30(3), 210-210
114. Smerdon K, Easaw J, **Sinnarajah A**. Utilization of a Well-Established Inpatient Palliative Care Service by Medical Oncology in a Large Tertiary Care Teaching Hospital. *J Pall Care* 2014; 30(3), 204-204
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117. Hagel J, Janzen C, Kozicky R, Murphy L, Turner M, **Sinnarajah A**, Martin TLW. Managing End of Life Symptom Crises in the Home: An Innovative Partnership between Palliative Home Care and Emergency Medical Services in the Calgary Zone of Alberta Health Services. *Canadian Hospice and Palliative Care Association Conference* Jun 2012
118. Prystajecy M, Lang E, Wang D, Lonergan K, Simon J, **Sinnarajah A**, Wityk Martin TL, Murray A, Hagen N, Waller A, Bultz B, Carlson L, Groff S, McRae A, Thomas B. Emergency department utilization by adult cancer patients: a prospective cohort study. *Cdn J Emerg Medicine* 2012; 14(Suppl 1)
119. **Sinnarajah A**, Rosenal T, Hagen N, Spice R, Pereles L, Norman M, & Wityk, TL. Improving access to patient information at point-of-care through information technology in a regional palliative care service. *J Pall Care* Sep 2008; 24(3), pp. 194-194
120. Rosenal T, Pattullo A, Jamieson P, Kraft S, **Sinnarajah A**, Richea R, Mandolesi J. Physician adoption of an information system in an integrated health system. *AMIA Annual Symposium Proceedings* 2007; Oct 11: 1096

Academic/Research Conference Presentations (no abstract)

- **Sinnarajah A**, Biondo P, Kassam S, Beaumont C, Earp M, Essue B, Longo C, Watanabe S, Simon J. Characterizing the financial burden of advanced cancer: interim analysis of financial effects data from people living with advanced colorectal cancer. Hospice Palliative Care Ontario Conference. Virtual Apr 2021.
- **Sinnarajah A**, Earp M, Beaumont C, Kassam S, Biondo P, Watanabe S, Simon J, Tang P. Symptom Measures from Patients Living with Advanced Cancer during the Pandemic. Hospice Palliative Care Ontario Conference. Virtual Apr 2021.

- **Sinnarajah A.** Palliative Care, It's Not What You Think, The Palliative Care Project. Lung Cancer Canada Alberta Patient Event. Virtual Nov 2020.
- **Sinnarajah A,** Bandeali S, Roze des Ordon, A. Physical, psychological, social and spiritual needs of patients with non-cancer diagnoses in a tertiary palliative care setting. Hospice Palliative Care Ontario Conference. Virtual Apr 2020.
- **Sinnarajah A,** Kassam S, Simon J, Biondo P, Earp M, Beaumont C, Watanabe S, Tang P. Feasibility of collecting survey-based patient reported outcome measures (PROMs) from patients living with advanced cancer: emerging findings from the Living with Colorectal Cancer study. Hospice Palliative Care Ontario Conference. Virtual Apr 2020.
- **Sinnarajah A,** Watanabe S. Palliative Care Early & Systematic (PaCES): Beginning Alberta's Journey to Provide Systematic, Early Palliative Care for Advanced Cancer Patients. 30th Annual Palliative Education & Research Days. Edmonton, Alberta Oct 2019.
- **Sinnarajah A,** Peterson Fraser M. What's the EPIC Deal with Connect Care? The Palliative Care Perspective. 30th Annual Palliative Education & Research Days. Edmonton, Alberta Oct 2019.
- **Sinnarajah A.** Palliative Care Early and Systematic (PaCES): Barriers to Providing Palliative Care to Advanced Colorectal Cancer Patients. A Province-wide Survey of Gastrointestinal Oncology Clinicians' Perceptions. Hospice Palliative Care Ontario Conference. Toronto, Ontario Apr 2018.
- **Sinnarajah A.** Why Does Calgary Have One of the Lowest Hospital Death Rates for Cancer Patients in Canada? Perspectives from a Large Integrated, Palliative Care Program. Innovative Approaches to Optimal Cancer Care in Canada, Canadian Partnership Against Cancer. Toronto, Ontario Apr 2017.
- **Sinnarajah A.** EMS Palliative and End of Life Care Assess, Treat and Refer Program. 62nd Annual Scientific Assembly (Alberta College of Family Physicians). Banff, Alberta Mar 2017.
- **Sinnarajah A.** Association of Specialist Palliative Care Services with Health Care Resource Use at End of Life in Cancer Patients. 6th International Seminar of the PRC and EAPC RN. Banff, Alberta Dec 2016.
- Wallis M, **Sinnarajah A,** Murphy L, Hagel J, Kozicky R, Wityk Martin TL, Walker J. Managing End of Life Symptom Crises in the Home: An Innovative Partnership Between Palliative Home Care and Emergency Medical Services in the Calgary Zone of the Alberta Health Services. Hospice Palliative Care Ontario Annual Conference. Richmond Hill, Ontario. Apr 2014.
- **Sinnarajah A,** Galloway L, Murray A, Simon J, Herx L, Braun T, Marr H, Dharmawardene M, Hagen N. Retrospective Study of Neuraxial Analgesia on an Intensive Palliative Care Unit from 2008-2010. 19th International Congress on Palliative Care. Montreal, Quebec Oct 2012.
- **Sinnarajah A,** Rosenal T, Norman M, Wityk TL, Pereles L, Hagen N, Spice R. Improving Access to Patient Information at Point-of-care Through Information Technology in a Regional Palliative Care Service. 17th International Congress on Care of the Terminally Ill. Montreal, Quebec Sep 2008.
- **Sinnarajah A,** Rosenal T, Norman M, Wityk TL, Pereles L, Hagen N, Spice R. Belaying from Below: How can Health Informatics reduce the Dangers of Patient Transitions between Providers? UICC 08: World Cancer Congress. Geneva, Switzerland Aug 2008.

Communications / Digital media / News articles

1. **Sinnarajah A.** "Palliative care during the COVID-19 pandemic in Calgary". Charbonneau Newsletter (Week 15). Published on July 3, 2020.
2. **Sinnarajah A,** Hagel J. Interview, Episode 5 - Palliative Care, The Examiner Podcast (Calgary West Central Primary Care Network). Oct 8 2019. <https://podcasts.apple.com/ca/podcast/episode-05-palliative-care/id1465671469?i=1000452770937>
3. **Sinnarajah A.** Earlier palliative care goal of PaCES project. AHS Features. Published May 30, 2018. <https://www.albertahealthservices.ca/news/Page14453.aspx>
4. **Dr. Aynharan Sinnarajah** Researches Early Palliative Care In Colorectal Cancer Patients. LEAP Magazine. Spring 2018. Alberta, Canada. <https://myleapmagazine.ca/2018/04/27/dr-aynharan-sinnarajah-researches-early-palliative-care-colorectal-cancer-patients/>
5. Thomas B, Lang E, Malhi R, **Sinnarajah A.** Cancer patients, Emergency Room visits and Palliative Care Services: The Canary in the Coal Mine? Dec 18 2013 [cited Jan 4 2014]. In: Cancer Knowledge Network [Internet]. Multimed. Inc. <https://cancerkn.com/cancer-patients-emergency-room-visits-palliative-care-services-canary-coal-mine/>