

# VITALiTY RESEARCH PROJECT INTEGRATION STEERING COMMITTEE

## Overview of Member Expertise/Contributions to Project

**\*\*Research involvements to focus on work related to study of catastrophic disability in the elderly including prevention, management and interventions for stroke, cancer, pneumonia, fractured hips, IHD & CHF; management of risk factors related to prevention of diminished cognition/dementia or prevention of diminished functional ability and/or exercise prescription to reduce risk factors in older adults.**

Member Name	Working Title(s) and Employer/Affiliate Organization(s)	Role, Area(s) of Research Focus/Expertise and/or Contributions	**VITALiTY Grant-Related Research Studies Underway or in Process for Funding Application (provide study title, Principle and other investigators)
Reva Alder MD, MPH, FRCPC	<ul style="list-style-type: none"> <li>• Clinical Associate Professor of Geriatric Medicine</li> <li>• Medical Director, VCH At-home Supports</li> <li>• Medical Director, VGH Short Term Assessment &amp; Treatment Centre</li> <li>• Medical Director, Snider Campus for Jewish Seniors</li> </ul>	<ul style="list-style-type: none"> <li>• Health services research approach i.e. to link findings from VITALiTY grant-related research studies to services and/or interventions</li> <li>• Community health programming</li> <li>• Interface between culture and ageing</li> <li>• Effects of trauma on health in later life</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Imi Alimoradi, MD, MHSc, FRCPC	<ul style="list-style-type: none"> <li>• Clinical instructor</li> </ul>	<ul style="list-style-type: none"> <li>• Prevention of falls through work in Falls Clinic</li> <li>• Area of focus: osteoporosis</li> </ul>	<ul style="list-style-type: none"> <li>• Quantitative evaluation of Falls Clinic</li> <li>• Effect of vitamin D on inflammatory markers</li> </ul>
Teresa Liu-Ambrose, PhD, PT	<ul style="list-style-type: none"> <li>• Assistant Professor, Faculty of Medicine, Department of Physical Therapy</li> <li>• Affiliated researcher with Centre for Hip Health &amp; UBC Brain Research Centre</li> <li>• MSFHR researcher</li> </ul>	<ul style="list-style-type: none"> <li>• Fracture prevention in high-risk populations i.e. adults with low bone mass, a history of falls, or cognitive impairment</li> <li>• Research involves integrated approach toward fracture prevention that includes falls prevention and bone health promotion.</li> <li>• Research experience spans conducting randomized controlled trials of exercise interventions to working with human cadaveric specimens in the laboratory</li> </ul>	<ul style="list-style-type: none"> <li>• Examination of the interplay between cognitive function and mobility</li> </ul>
Maureen Ashe PhD, MSc, BScPT	<ul style="list-style-type: none"> <li>• Assistant Professor, Dept. of Family Practice, UBC</li> <li>• Investigator, Centre for</li> </ul>	<ul style="list-style-type: none"> <li>• Falls prevention and bone health focus in older adults with an interest in exercise programs for seniors after a hip fracture; measuring mobility in older adults to help monitor and determine</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>

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	<ul style="list-style-type: none"> <li>Hip Health and Mobility</li> <li>Physical Therapist</li> </ul>	appropriate interventions	
Lynn Beattie, MD, FRCPC	<ul style="list-style-type: none"> <li>Professor Emeritus, Geriatric Medicine, UBC</li> <li>Scientific Director, Centre for Healthy Aging at Providence (CHAP)</li> <li>Co-leader BCNAR</li> <li>Research Associate, Centre for Research on Personhood in Dementia</li> </ul>	<ul style="list-style-type: none"> <li>Role of community resources before and after catastrophic episode especially for those with dementia with or without delirium</li> <li>General areas of interest: Dementia, Dementia &amp; Ethics, Alzheimer's Disease, Mild Cognitive Impairment</li> <li>Involvement in Centre for Research in Personhood in Dementia</li> </ul>	<ul style="list-style-type: none"> <li>With Jean Kozak and Elizabeth Antifeau, impact of delirium, recognized and not recognized at discharge from acute care</li> <li>Quality of life in Alzheimer's Disease (with Gary Naglie, PI in Toronto)</li> </ul>
Rishi Bhalla, PhD, R. Psych	<ul style="list-style-type: none"> <li>Neuropsychologist, Short Term Assessment and Treatment Centre, Vancouver General Hospital</li> <li><i>Pending: Application made for faculty appointment within Department of Psychiatry.</i></li> </ul>	<ul style="list-style-type: none"> <li>The interface of late-life mood disorders and cognitive impairment</li> <li>Neuropsychological assessment of older adults (normal aging, Mild Cognitive Impairment, and Dementia).</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
David Bruce, MD (Ex-officio)	<ul style="list-style-type: none"> <li>Professor of Medicine, University of Western Australia</li> <li>Consultant Geriatrician, Fremantle Hospital, WA</li> <li>Head, Dept Community &amp; Geriatric Medicine, Fremantle Hospital</li> </ul>	<ul style="list-style-type: none"> <li>Visiting professor from Perth, Australia</li> <li>Broad interest in geriatric syndromes including cognitive decline, psychology around mobility impairments and falls e.g. fear of falling</li> <li>Primary research in diabetes in older people</li> <li>Collaborator on several large cohort studies focusing on dementia and disability in older age</li> <li>Involvement with Fremantle Hospital Structural Neuroimaging Laboratory.</li> </ul>	<ul style="list-style-type: none"> <li>Effect of vitamin D on inflammatory markers (with Drs Alimoradi and McElhaney in Vancouver and A/Prof Richard Prince in Perth, WA)</li> </ul>
Jo Clark MA, BScOT	<ul style="list-style-type: none"> <li>Regional Allied Health Practice Director, VCH</li> <li>Clinical Associate Professor, School of Rehabilitation Sciences, UBC</li> <li>Associate Faculty, Royal Roads University</li> </ul>	<ul style="list-style-type: none"> <li>Supports and advocates for research collaborations, interprofessional practice &amp; knowledge translation</li> <li>Position supports informing decision-makers and educating policy makers regarding research and clinical interventions for older adults</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
Wendy Cook MD,	<ul style="list-style-type: none"> <li>Clinical Instructor, UBC</li> </ul>	<ul style="list-style-type: none"> <li>Research on falls in high-risk renal failure patients</li> </ul>	<ul style="list-style-type: none"> <li>Action Seniors Trial of Otago home exercise in</li> </ul>

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FRCPC, MHSc	Division of Geriatric Medicine <ul style="list-style-type: none"> <li>Physician Scholar, Providence Health Research Institute</li> </ul>	<ul style="list-style-type: none"> <li>Fall prevention services for community-dwelling high risk older adults. Established interdisciplinary Falls Clinic at St. Paul's Hospital</li> <li>Assessment of fall risk among seniors presenting to health care providers after a fall</li> <li>Work underway to develop model of interprofessional collaborative practice to improve care delivery for older adults who fall and at risk for fractures</li> <li>Interest in contribution of polypharmacy to fall risk</li> </ul>	seniors attending Falls Clinic (K. Khan PI) <ul style="list-style-type: none"> <li>Cross sectional validation study of fall risk assessment measures</li> </ul>
Andrea Cosentino (Combined Honours degree in Gerontology & Health Studies at McMaster University, Masters degree in Disability Studies at the University of Leeds (England).	<ul style="list-style-type: none"> <li>Regional Liaison Officer, BC Network for Aging Research</li> </ul>	<ul style="list-style-type: none"> <li>Support knowledge sharing e.g. hosting discussions and/or public forums with seniors to secure their input</li> <li>Primary contact re setting up WebEx sessions</li> <li>Support for planning and organization of Research Forum</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
Christianne Hoppmann	<ul style="list-style-type: none"> <li>Assistant Professor, Department of Psychology, UBC</li> </ul>	<ul style="list-style-type: none"> <li>Goals, motivational processes, and health in older adults</li> <li>Social support and recovery</li> <li>Daily life assessments</li> </ul>	<ul style="list-style-type: none"> <li>Exercise goals and daily activity engagement in hip fracture patients (with Maureen Ashe)</li> </ul>
Karim Khan MD, PhD	<ul style="list-style-type: none"> <li>Associate Professor, UBC</li> <li>Co-Director, Centre for Hip Health &amp; Mobility</li> </ul>	<ul style="list-style-type: none"> <li>CIHR New Investigator in the Department of Family Practice</li> <li>Principal Investigator in the CFI-funded Centre for Hip Health (UBC-VCHRI)</li> <li>Pioneered studies re strength and agility training in vulnerable seniors with high fall risk and low bone mass</li> </ul>	<ul style="list-style-type: none"> <li>(PI) Action Seniors Trial of Otago home exercise in seniors attending Falls Clinic</li> </ul>
Janet Kushner-Kow, MD, MEd, FRCPC	<ul style="list-style-type: none"> <li>Clinical Assistant Professor UBC Division of Geriatric Medicine</li> <li>CPD Chair, Canadian Geriatrics Society</li> </ul>	<ul style="list-style-type: none"> <li>Medical education, interprofessional education</li> <li>Continuing Professional Development</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
Phil Lee MD, FRCPC	<ul style="list-style-type: none"> <li>Assistant Professor, UBC Division of Geriatric Medicine</li> </ul>	<ul style="list-style-type: none"> <li>Cognitive dysfunction, delirium and development of related care pathways for older adults</li> <li>Research lead for VCH delirium management</li> </ul>	<ul style="list-style-type: none"> <li>VITALiTY - Cognitive Impairment, Inflammatory Markers and risk of Catastrophic Disability in Hospitalized Older Adults</li> </ul>

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	<ul style="list-style-type: none"> <li>Physician Scholar, Providence Health Research Institute</li> </ul>	project <ul style="list-style-type: none"> <li>Dementia as a risk factor for catastrophic disability</li> <li>Study of linkages with co-morbidities as a means to reduce risk</li> <li>Use of databases for evaluation of cognitive outcomes and medication utilization in older adults</li> <li>General areas of interest: drug safety in older adults, dementia related issues (neuropsychiatric symptoms associated with dementia), pathophysiological mechanisms of delirium</li> </ul>	<ul style="list-style-type: none"> <li>QT interval prolongation and antipsychotic medications in patients with dementia</li> <li>Psychometric properties of the clock drawing test in patients classified as MCI</li> </ul>
Ken Madden MD, FACP, FRCPC	<ul style="list-style-type: none"> <li>Associate Professor, UBC Division of Geriatric Medicine</li> </ul>	<ul style="list-style-type: none"> <li>Impact of neurocardiovascular etiology for falls (primarily orthostatic hypotension &amp; postprandial hypoglycemia)</li> <li>Study of muscle strengthening vs. aerobic activities on reducing arterial “stiffness”</li> <li>Examined postprandial changes in arterial baroreflex function and measures of myocardial ischemia in normal older adults</li> <li>Insights from critical care literature on areas of interest</li> </ul>	<ul style="list-style-type: none"> <li>(PI) CIHR study to examine the ability of different exercise interventions (aerobic &amp; strength training) to reduce arterial stiffness and improve tilt table response in older adults with Type 2 diabetes</li> </ul>
Janet McElhaney MD, FRCPC, FACP	<ul style="list-style-type: none"> <li>Professor of Medicine and Allan M. Gavin Chair in Geriatrics Research, UBC</li> <li>UBC &amp; PHC Division Head of Geriatrics</li> <li>PHC Physician Co-Director for Elder Care</li> <li>VCH Regional Medical Director, Population Continuum for Seniors Health</li> </ul>	<ul style="list-style-type: none"> <li>Aging immune system and vaccine efficacy in older adults</li> <li>Prevention of influenza-related disability in older adults including development of more effective vaccines</li> <li>Overall interest in collaborative studies on developing interventions that identify and minimize risk for catastrophic disability</li> </ul>	<ul style="list-style-type: none"> <li>Vancouver Initiative to Add Life to Years (VITALiTY) Team (MSFHR)</li> <li>Effect of Diabetes on T cell Responses to Influenza Vaccination in Older Adults (CIHR)</li> <li>Adjuvants and Virosomal Vaccines for the Elderly (CIHR, NIAID)</li> <li>How a Repeated Bout of Eccentric Contractions Protects and Enhances Skeletal Muscle in the Elderly (CIHR - Catalyst Grant Mobility and Aging)</li> <li>T-Cell Responses Predict Influenza Risk in Older Adults (NIAID - Division of Microbiology and Infectious Diseases)</li> <li>Mathematical Modelling of Pandemic Influenza: Bridging Science to Inform Public Policy (CIHR –</li> </ul>

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			<p>Operating Grant)</p> <ul style="list-style-type: none"> <li>The Roadmap to Improved Correlates of Protection Against Influenza Research (CIHR - Seed Grant: International Opportunity)</li> <li>T-Cell Responses to Influenza Vaccination in Older Adults (Glaxo Smith Kline)</li> <li>The Effect of Chronic Obstructive Pulmonary Disease on Age-Related Changes in the Immune Response to Influenza (BC Lung Association)</li> </ul>
Bill Miller, PhD, BScOT	<ul style="list-style-type: none"> <li>Associate Professor, Dept. of Occupational Therapy, UBC</li> <li>Scientist, VCH Research Institute'</li> <li>CIHR New Investigator; sponsored by the Institute of Aging</li> </ul>	<ul style="list-style-type: none"> <li>Rehab epidemiologist with research program depicted as the measurement and determinants of mobility and participation in the older adult population</li> <li>Specific areas of interest include balance self-efficacy, ambulation self-efficacy, wheelchair mobility, fatigue</li> </ul>	<ul style="list-style-type: none"> <li>Functional performance in the Frail Elderly</li> <li>Measuring Confidence with Wheelchair Mobility (CIHR Mobility and Aging catalyst grant)</li> <li>Prescribing safe and effective exercises for older adults after fractures: A knowledge synthesis (CIHR KT grant)</li> <li>Characterizing and predicting the outcomes of powered wheelchair use in older adults (CIHR Mobility and Aging catalyst grant)</li> <li>The Measurement Properties of the Occupational Therapy Discharge Needs Assessment (VCHRI Team grant)</li> <li>Physical activity and quality of life among community living adults with chronic disease: One year follow-up (BCMSF)</li> <li>Exercise programs in stroke: Effect of an inpatient supplementary practice program on upper extremity function in stroke rehabilitation</li> <li>Natural History of Balance Confidence after Stroke (Heart and Stroke Foundation)</li> </ul>
Sherin Rahim-Jamal, MSc	Leader, Centres for Healthy Aging at Providence Centre and Practitioner Renewal	<ul style="list-style-type: none"> <li>Seniors issues (quality of life, health service delivery in multiple settings, medications research i.e. adverse events, ADRs; healthy aging)</li> <li>Seniors at risk including ethnocultural minority seniors</li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>
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Roger Wong MD, FACP, FRCPC	<ul style="list-style-type: none"> <li>• Clinical Associate Professor &amp; Associate Program Director, Department of Medicine, UBC</li> <li>• Head, Geriatric Consultation Program, Vancouver Acute &amp; VCH</li> <li>• Associate Program Director, UBC Internal Medicine Residency Training Program</li> <li>• Medical Director, Geriatric Consultation Program &amp; Acute Care for Elders Units, VGH</li> </ul>	<ul style="list-style-type: none"> <li>• Two primary areas of focus:               <ul style="list-style-type: none"> <li>• transformation of acute care (hospital) environment into a “seniors friendly” care environment e.g. introduction of ACE Units</li> <li>• innovative strategies on education for medical &amp; allied health personnel, community services providers</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Functional performance in the Frail Elderly</li> </ul>
Karen Zawortny	<ul style="list-style-type: none"> <li>• Research Assistant, Centre for Healthy Aging at Providence</li> </ul>	<ul style="list-style-type: none"> <li>• Research Assistant to Phil Lee; supporting his studies/work in cognitive impairment/dementia research at St. Paul’s Hospital &amp; UBC</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>