research

A directory of researchers and research projects funded through the Newfoundland and Labrador Centre for Applied Health Research

2001-2012
2012

Dr. Leigh-Anne Newhook, Faculty of Medicine (Pediatrics)
"Exploring the reasons why birth by C-section is a risk factor for Type 1 Diabetes Mellitus in Newfoundland and Labrador"

Dr. Atanu Sarkar, Community Health and Humanities

2011

Dr. Victor Maddalena, Community Health and Humanities
"Palliative Care Needs of People with End Stage Renal Disease in Newfoundland and Labrador"

Dr. Laurie Twells, School of Pharmacy
"The Newfoundland and Labrador Bariatric Surgery Cohort Study"

2010

Dr. Peter Wang, Community Health and Humanities
"Assessing the Validity of a Self-Administered Questionnaire (FFQ) in the Adult Population of Newfoundland and Labrador"

2009

Dr. Gerard Farrell, eHealth Research Unit
"The Effectiveness of the Edmonton Symptom Assessment System (ESAS) in Monitoring Palliative Care Patients in the Community"

2008

Dr. Barbara Roebothan, Community Health and Humanities
“What are the determinants of a successful and sustainable program delivery as it applies to child nutrition programs in Newfoundland and Labrador?”
2007

Dr. Karen Parsons, School of Nursing
“Determining the Needs of Community Dwelling Older Adults with Age-Associated Memory Loss and Mild Cognitive Impairment in Newfoundland”

Dr. Mark Stefanelli, Faculty of Medicine (Neurology)
“Clinical and Genetic delineation of hereditary Neurological disorders in Newfoundland and Labrador: A pilot study”

2006

Dr. Andria Jones, Community Health and Humanities
“The Public Perception of Drinking Water from Private Water Supplies in Newfoundland and Labrador”

Dr. Michelle Ploughman, Eastern Health
“Does treadmill exercise enhance performance of cognitive and upper extremity tasks in patients with chronic stroke?”

2005

Dr. Tracey Bridger, Faculty of Medicine (Pediatrics)
“Health Services Utilization, Associated Factors, and Direct Costs of Health Services Among Obese vs. Non-Obese Populations in Newfoundland and Labrador”

2004

Dr. Guang Sun, Faculty of Medicine
“Discover the genetic culprits of obesity in the Newfoundland Population”

Dr. Terri-Lynn Young, Faculty of Medicine (Genetics)
“The clinical and genetic epidemiology of pediatric epilepsy in Newfoundland”

2003

Dr. Susan Moore, Faculty of Medicine
“The Genetic and Clinical Epidemiology of Neuronal Ceroid Lipofuscinosis (NCL, or Batten Disease) in Newfoundland”
2002
Dr. Maria Matthews. Community Health and Humanities
“Rural/Urban Differences in Access to Cancer Treatment in Newfoundland and Labrador”

Dr. Deborah Kelly, School of Pharmacy
“Profiling prescription medication utilization in Newfoundland and Labrador: Optimizing the Quality of Drug Therapy”

2001
Dr. Sean Connors, Faculty of Medicine (Cardiology)
“The clinical and genetic epidemiology of arrhythmogenic right ventricular cardiomyopathy (ARVC) in Newfoundland”

Dr. Joan Crane, Faculty of Medicine (Obstetrics & Gynecology)
“Use of transvaginal ultrasound to predict preterm birth in women with previous cone biopsy or loop electrosurgical excision procedure”

Dr. Vernon Curran, Faculty of Medicine
“A randomized control trial of the effectiveness of a computerized simulator for enhancing the retention of neonatal resuscitation skills”

Dr. Bridget Fernandez, Faculty of Medicine (Genetics)
“Newfoundland’s burden of genetic disease - a study of over 5000 consecutive pediatric and neonatal resuscitation”

Dr. Karen Parsons, School of Nursing
“Why don’t children with Asthma take their medication properly?”
NLCAHR Development Grant Recipients

2012

Dr. Richard Audas, Community Health and Humanities
"The rule of rescue and the identifiable victim effect: a mixed methods study in Newfoundland"

Dr. Lisa Bishop, School of Pharmacy
"Exploring the expansion of community mental health and addictions services to support youth and young adults"

2011

Dr. Wendy Young, School of Nursing
"Entertainment education for adults with type 2 diabetes and uncontrolled high blood pressure"

Dr. Linda Rohr, School of Human Kinetics and Recreation
"Physiological and Socio-psychological Effects of Exergaming"

2010

Dr. Richard Audas, Community Health and Humanities
"15 Years Later - An examination of the health trajectories, outcomes and utilization of participants in the 1995 Newfoundland Adult Health Study"

Dr. Shabnam Asghari, Primary Healthcare Research Unit
"Lipid Profile of Newfoundlanders"

Dr. Lisa Bishop, School of Pharmacy/Lisa Fleet, Professional Development & Conferencing Services
"How ‘Best Practice Prescribing in Newfoundland and Labrador’ Can Influence Patient Care"

Dr. Leigh Anne Newhook, Janeway
"You’re not going at that!" - A qualitative study to explore new mothers' attitudes, beliefs, and values around their decision not to breastfeed"

Dr. Shree Mulay, Community Health and Humanities
"Suicide in Aboriginal Communities in Labrador: A Study of Risk and Protective Factors"

2009

Dr. Maria Mathews, Community Health and Humanities
"Return-for-Service Programs in Newfoundland and Labrador"

Kris Aubrey-Bassler, Primary Healthcare Research Unit
"Nephrolithiasis in the emergency department: Epidemiology and development of a rule to predict the need for CT diagnosis"
2008

Dr. Peter Wang, Community Health and Humanities
“Healthy Aging in Newfoundland and Labrador: An Epidemiological Study to Enhance Mobility and Participation in Society”

Dr. Wanda Parsons, Faculty of Medicine
“Effectiveness of an intensive intervention during pregnancy and for one year postpartum on breastfeeding initiation and duration rates in Newfoundland and Labrador”

2007

Dr. Angela Loucks-Atkinson, School of Human Kinetics and Recreation
“Exploring Biopsychosocial Factors of Physical Activity Adherence Among Older Adults”

Dr. Maria Mathews, Community Health and Humanities
“Out-of-pocket costs for breast cancer patients in Newfoundland and Labrador”

Dr. Donna Bulman, School of Nursing
“HIV testing in pregnancy: Utilizing women’s voices to inform policy”

2006

Dr. Diana Gustafson, Community Health and Humanities
“Parenting and Outcomes: A proposal for development and evaluation”

Dr. Fabien Basset, School of Human Kinetics and Recreation
“Effects of intermittent normobaric hypoxia on weight loss in young, moderately obese people”

2005

Dr. Maria Mathews, Community Health and Humanities
“The impact of provincial licensing requirements on the retention of international medical graduates in Newfoundland and Labrador”

Dr. Peter Wang, Community Health and Humanities
“Examining gender differences in quality of life and health outcomes after hip fracture in elderly Canadians”

2004

Dr. Richard Audas, Community Health and Humanities
“Development of a longitudinal birth weight database”
2003

Dr. Peter Cornish, Student Affairs, University Counseling Centre
"Expanding Rural Mental Health Capacity in Atlantic Canada"

2002

Dr. Khalid Aziz, Faculty of Medicine (Pediatrics)
"Evidenced-based Practice Identification & Change (EPIC) in the Neonatal Intensive Care Unit."

Gail Lush, Women’s Health Network of Newfoundland and Labrador
"Developing an Agenda for Women’s Health Research in Newfoundland and Labrador"

Dr. Kellie Hadden, Department of Psychology
"Global Molecular pain responses in children with and without significant neurological impairment"

2001

Dr. David Behm, School of Human Kinetics Recreation
"The effect of noise on neuromuscular and cardiorespiratory performance"

Dr. Theodore Hoekman, Faculty of Medicine
"Application of clinical practice guidelines to pediatric prescribing using web-based technology"

Dr. Catherine Popadiuk, Faculty of Medicine (Obstetrics & Gynecology)
"Development and evaluation of a virtual reality based rectal model for education of health care professionals."

Dr. Graham Worrall, Faculty of Medicine
"Does feedback and validation of RAI-HCC elder assessment affect formal health care use?"
NLCAHR Master’s Fellowship Recipients

2012

Kendra Lester, Faculty of Medicine (Clinical Epidemiology)
“Improvement and/or Resolution of Type 2 Diabetes Mellitus in Patients who have Undergone Bariatric Surgery”

Hao Wu, Community Health and Humanities
“Palliative and End-of-Life Care for Chinese Immigrants: Perceptions of Family Caregivers”

2011

Justin Oake, Faculty of Medicine (Clinical Epidemiology)
“Dyslipidemia and lipid profile in Newfoundland: comparison between laboratory data and electronic medical records”

Yun Zhu, Community Health and Humanities
“Investigating the effects of red/pickled meat intake and dietary nitrites/nitrate/nitrosodimethylamine on CRC risk in NL adult population”

2010

Felicia Pickard, Department of Environmental Science
“Environmental lead exposure in children from pre-1970s housing in St. John’s, Newfoundland and Labrador”

2009

Taylor Ferrier, Community Health and Humanities
“Prostate Cancer Care: Wait Times to See an Urologist”
Kathleen Little, Faculty of Medicine (Clinical Epidemiology)
“Factors Associated with Social Worker Turnover and Retention in Child, Youth and Family Services in Newfoundland and Labrador”

2008

Patrick Fleming, Community Health and Humanities
“Retention of Specialist Physicians in Newfoundland and Labrador”

Elizabeth Russell, Department of Psychology
“Exploring Psycho-Social And Health-Related Predictors of Body Dissatisfaction: A Quantitative and Qualitative Approach”
2007

Sarah Hollett, Department of Psychology
“Perceptions of Quality of Medical Care: Perspectives from Children and Adolescents and their Parents”

Zhuoyu Sun, Community Health and Humanities
“Dietary factors and microsatellite Instability in sporadic colorectal cancer”

2006

Kelly Butt, Community Health and Humanities
“Opinions of municipal water quality in Newfoundland and Labrador”

Duyen Nguyen, Department of Psychology
“Influences of young adults earliest memories and memory”

2005

Brian Dalton, School of Human Kinetics and Recreation
“Music and noise affecting simulated driving, vigilance, and cognitive performance”

Aaron Kennedy, Faculty of Medicine (Human Genetics)
“Accuracy of BMI to estimate obesity: A parallel comparison with Dual-energy X-ray absorption in a large healthy Newfoundland population”

2004

Melanie Noel, Department of Psychology
“The Factors Related to Pre-Literacy Skills among Low SES Preschoolers: The Contributions of Parenting Stress, Child Temperament and Attachment on Early Narrative Ability”

Sylvia Reitmanova, Community Health and Humanities
“Concepts and Determinants of St. John’s Immigrants’ Mental Health”

2003

Debbie Martin, Department of Education
“The changing nature of social relations: exploring the health and health-related practices of young women in three coastal Newfoundland and Labrador Communities”
2002

Parvin Ansari, Community Health and Humanities

"Meaning of menopause and the ways adopted to cope with these symptoms"

2001

Shannon Muir, School of Nursing

"Factors Influencing Maternal Use of Oral Rehydration Solution in the Home Treatment of Childhood Diarrhea in Indonesia"

Kevin Power, School of Human Kinetics and Recreation

"Effects of Hyperbaria on Skeletal Muscle Function Following Fatigue"
NLCAHR Doctoral Fellowship Recipients

2012

Meagan MacKenzie, Department of Psychology
"Social Reciprocity and Social Support within Social Anxiety: Implications for Predicting Severity"

2011

Jennifer Woodrow, Community Health and Humanities
"The Aging Population and Its Health Impact in Newfoundland and Labrador: Long-term Projections and Statistical Simulations for Selected Chronic Health Conditions and Disability"

2009

Pamela Button, Psychology
"Dysfunctional Coping Mechanisms in Health Professional Students Dealing with Stress"

2006

Stacey Wareham, Department of Psychology
"Factors influencing risk perception and safety behaviours in the fibre glass boat-building industry in rural Newfoundland and Labrador"

Roxanna Vernescu, Department of Psychology
"Attention process training in young children with fetal alcohol spectrum disorder"

Kelly Warren, Department of Psychology
"Injury prevention: what parents know and what they teach their children"

2005

Andrea Kitta, Department of Folklore
"Lay Perceptions of Pediatric Inoculations and Anti-Vaccination Discourse"

2004

James Drover, Department of Psychology
"Modification of the infant contrast sensitivity card procedure"
2003

Holly Etchegary, Department of Psychology
"Living with Genetic Risk: Meanings and Implications"

Brenda Grzetic, Community Health and Humanities
"Between life and death: Women Fish Harvesters in Newfoundland and Labrador"

2002

Parvin Ansari, Community Health and Humanities
"Meaning of menopause and the ways adopted to cope with these symptoms"

2001

Angela J. Tate, Faculty of Medicine (Biomechanics)
"Measuring biomechanical exposure of crab butchers related to the development of upper limb cumulative trauma disorders"
NLCAHR Post-Doctoral Fellowship Recipients

2008

Jill Allison, Department of Anthropology
“Community Identity and Genetic Risk: Determining Knowledge Pathways related to Genetic Predispositions in Newfoundland and Labrador”

2007

Stacey Wareham, Department of Psychology
“Exploring the Health Impacts of Newfoundland and Labrador Make-Work Projects: A Community Based, Participatory Action Approach”

Roxana Vernescu, Department of Psychology
“Self-Regulation Training and Effects on Cognitive Processing, Problem-Solving Ability, and Adaptive Behaviour in Children with FASD”

2004

Nicole Power, Department of Sociology
“‘Being a ‘real fisherman’: how masculinity mediates workplace safety practices and perceptions of risk, safety and health among Newfoundland fish harvesters in changing times”

2002

Ingrid Botting, Department of History
“The impact of restructuring on women’s and children’s health in two resource-dependent communities”
2012

Project Grants:

Dr. Jacqueline Hesson, Faculty of Education
“Cytomegalovirus immune risk phenotype and cognitive functioning in the oldest old”

Dr. Jeanette Byrne, School of Human Kinetics and Recreation
“Fall prevention in seniors in the greater St. John’s area: a qualitative and quantitative examination of a fall prevention program”

Dr. Guangju Zhai, Faculty of Medicine (Genetics)
“Metabolomics of aging – identification of metabolic biomarkers of aging”

Seed Grant:

Dr. Peter Wang, Community Health and Humanities
“Assessing dietary intake and adequacy of elderly residents of Newfoundland – a pilot study”

Master’s Research Grants:

Elizabeth Wallack, Community Health and Humanities
“The impact of a Skype-delivered dementia caregiver intervention on caregiver burden”

Lin Liu, Community Health and Humanities
“Dietary intake and eating patterns of elderly people in Newfoundland and Labrador”

Doctoral Dissertation Award:

Roberta Didonato, Department of Psychology
“How age-related hearing loss impacts memory for medical adherence in the older adult”

2011

Project Grants

Dr. Shabnam Ashgari, Primary Healthcare Research Unit
"Exploring the Feasibility and Process of Establishing an Online Spatio-Temporal Information System for Age-related Chronic Disease in Newfoundland"

Master's Research Grants

Jing Wang, Community Health and Humanities
“Examining the difficulties of accessing health care among aging Asian immigrants”
Doctoral Research Grants
  Roberta Didonato, Department of Psychology
  "How age-related hearing loss impacts memory for medical adherence in the aging population"

Doctoral Dissertation Awards
  Grant Handrigan, Médecine Sociale et Préventive, Université Laval
  "Balance control in elderly obese individuals"

Post-Doctoral Fellowships
  Annie Jalbert, Department of Psychology
  "Episodic memory binding as a preclinical diagnostic tool for mild cognitive impairment and predicting conversion to Alzheimer's disease"

2010

Project Grants
  Dr. Roger Butler, Faculty of Medicine (Family Medicine)
  "Does a Dementia Unit Reduce Polypharmacy in a Veterans Pavillion?"

  Dr. Michelle Ploughman, Eastern Health
  "Health, Lifestyle and Aging with Multiple Sclerosis: Building an Evidence-Based Self-Management Program"

Seed Grants
  Dr. Les Cake, Department of Psychology
  "Building an Evidence-Based Framework for the Development of a Newfoundland and Labrador Centre on Aging"

Faculty Course Buyout Grants
  Dr. Lan Gien, School of Nursing
  "Working Late: Strategies to Enhance Productive and Healthy Environments for the Older Workforce - the Canadian Context"

Master's Research Grants
  Jennifer Hulbert, School of Human Kinetics and Recreation
  "Physical Activity: the Role of Biopsychosocial Factors in the Lived Experiences of Older Adults with Fibromyalgia Living in Rural and Urban Newfoundland"
2009

**Project Grants**

Dr. Marshal Godwin, Primary Healthcare Research Unit  
*"Assessing criterion validity and developing population norms for the Simple Lifestyle Indicator Questionnaire (SLIQ) in the elderly"*

**Seed Grants**

Dr. Wendy Young, School of Nursing  
*"Development of an age-friendly communities research team"*

Dr. Victor Maddalena, Community Health and Humanities  
*"Palliative and end of life care in Newfoundland’s deaf community"*

**Master's Research Grants**

Fang Liu, Community Health and Humanities  
*"Measuring health status of aging population with disabilities in Newfoundland and Labrador"*

Ellen Haskell, Department of Sociology  
*"More sunsets: The social organization of the RV sub-culture"*

**Doctoral Dissertation Awards**

Geoff Power, Department of Kinesiology, University of Western Ontario  
*"Muscle fatigue resistance in old and very old women"*

**Post-Doctoral Fellowships**

Jared Clarke, Faculty of Medicine  
*"Healthy aging with a chronic neurological disorder - A profile of community-based programs and service gaps"*
NLCAHR Matching Fund Recipients

2006

Dr. Maria Mathews, Community Health and Humanities
"Retention of Locally Trained Medical Graduates in Saskatchewan and Newfoundland and Labrador"

2003

Dr. Linda O’Brien-Pallas, Faculty of Nursing, University of Ontario
“Understanding the costs and outcomes of nurses’ turnover in Canadian hospitals”

Dr. Doreen Neville, Community Health and Humanities

George Tilley, Health Care Corporation of St. John’s
"Understanding the costs and outcomes of nurses' turnover in Canadian hospitals"

2001

Dr. Carole Orchard, University of Western Ontario
"Effective Mechanisms and Policies for Establishing, Monitoring and Predicting the Needs for Nursing Services in the Atlantic Region"
NLCAHR Visiting Lecturer Recipients

2005

Dr. Michael Bliss
“From Oslet to Insulin: The Coming of the Age of Medical Miracles”

2004

Dr. Daryl Pullman, Community Health and Humanities (sponsor)
Five Participants in the Human Dignity and Quality of Life Conference

Dr. Jock Murray, Dalhousie Multiple Sclerosis Research Unit
“Illness in national leaders: A troubling issue in an unstable world”

Dr. Judith Richie, McGill University Health Centre
“Nurses + Research = Better Outcomes for Nurses, Patients, and Families?” and
“Direct Practice Nurses as Investigators: Yes I Can!!”

2003

Dr. Alba DiCenso, School of Nursing, McMaster University
“Keynote speaker at nursing research day”

Dr. Gunther Eisenbach, University of Toronto
“Keynote speaker at TETRA 25th anniversary conference”

2002

Timothy Caulfield, University of Alberta
“Commercialization of Genetics Research”

Warren Young, School for Human Movement and Sport Science, University of Ballarat
“Injury Prevention and Athletic Performance”

Patricia Young, School of Education, Australian Catholic University
“Resources and Delivery of Physical Education Programs in Rural Australia”

John Morris, Institute for Aging Research
“Functional Assessment of the Elderly”
2001

John Morris, Institute for Aging Research
“The clinical and genetic epidemiology of arrhythmogenic right ventricular cardiomyopathy (ARVC) in Newfoundland”

Bryan Magwood, University of Manitoba
“Problems with neo-natal surgical units”