

RESEARCH EXPERTISE IN ABORIGINAL RESEARCH

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Jonathan Anuik	History / Interdisciplinary Studies	Spirituality, teaching and learning; interprofessional education and care; aboriginal education; Métis families and communities; Elder Abuse	jdanuik@lakeheadu.ca 705-330-4008, ext 2613
Paul Berger	Education	Inuit schooling; bilingual & cross cultural schooling; indigenous education; critical pedagogy; teacher education	paul.berger@lakeheadu.ca 807-343-8708
Martha Dowsley	Geography / Anthropology	Human-environment relationships, natural resource governance, aboriginal traditional knowledge, polar bears, species at risk, Inuit women	mdowsley@lakeheadu.ca 807-343 8430
Gary Genosko Canada Research Chair in Technoculture Studies	Sociology	Social Informatics; administrative surveillance; food and culture, violence and racism; Indigenous resistance	genosko@lakeheadu.ca 807-766-7152
Judy Iseke Canada Research Chair in Indigenous Education	Education	Indigenous community-based education and research, Indigenous storytelling, indigenous media	jisekeba@lakeheadu.ca 807-343-8050
Mary Lou Kelley	Social Work	Rural aging, rural palliative care, rural health services, palliative care and aging in First Nations communities, community-based participatory action research methods	mlkelley@lakeheadu.ca 807-766-7270
Rhonda Koster	Outdoor Recreation, Parks and Tourism	Aboriginal tourism development, Community-based tourism, experiential tourism, rural & regional tourism planning	rkoster@lakeheadu.ca 807-343-8440
Judith Leggatt	English	First Nations literature; Indigenous literary and cultural theory; Indigenous feminist theory; postcolonial literature and theory; literary constructions of native people and culture; speculative fiction	jleggatt@lakeheadu.ca 807-343-8282
Harvey Lemelin Lakehead University Chair in Parks and Protected Areas	Outdoor Recreation, Parks and Tourism	Northern/Aboriginal, wildlife management, parks & protected areas, co-management, tourism, community-research	harvey.lemelin@lakeheadu.ca 807-343-8745
Karen McQueen	Nursing	Breastfeeding interventions; postpartum depression; breastfeeding practices among Aboriginal women	kmcqueen@lakeheadu.ca 807-766-7124

Bruce Minore	Centre for Rural & Northern Health Research / Sociology	Aboriginal health; health human resources	bruce.minore@lakeheadu.ca 807-766-7264
John O'Meara	Education	Indigenous languages (Ojibwe, Delaware, Cree)	jomeara@lakeheadu.ca 807-343-8054
Kirsten Oinonen	Psychology	Adult Fetal Alcohol Spectrum Disorders	koinonen@lakeheadu.ca 807-343-8096
M.A.(Peggy) Smith	Natural Resources Management	Natural resources policy, Aboriginal lands and resources issues, environmental assessment, social impacts of natural resource development	pasmith@lakeheadu.ca 807-343-8672
Darlene Steven	Nursing	Risk factors for heart disease in NW Ontario; breast and cervical cancer screening among Aboriginal women in NW Ontario; northern studies in Gerontology	dsteven@lakeheadu.ca 807-343-8643
Nancy Stevens	Social Work	Aboriginal helping, Aboriginal mental health, Aboriginal health/wellness	nesteven@lakeheadu.ca 705-330-4008, ext 2638
Robert Stewart	Geography	First Nations source water protection, large lake management and remediation	rob.stewart@lakeheadu.ca 807-766-7181
Sharon Dale Stone	Sociology	Injured workers in Northwestern Ontario (including aboriginal workers)	sdstone@lakeheadu.ca 807-343-8530
Mirella Stroink	Psychology	Community and regional resilience, adaptation, food security, sustainability, well-being, culture, learning	mstroink@lakeheadu.ca 807- 346-7874
Josephine Tan	Psychology	Aboriginal and northern health issues, biological rhythms and cognitive– affective performance, cultural and environmental factors in health status	jtan@lakeheadu.ca 807-346-7751
Marina Ulanova	Faculty of Medicine, West Campus	Clinical immunology, infections caused by encapsulated bacteria, epidemiology of vaccine-preventable diseases in First Nations communities	marina.ulanova@nosm.ca 807-766 7340
Sandra Wolf	Education	Research in Aboriginal communities, Aboriginal education, and social justice; anthropology, history, and sociolinguistics of education	swolf@lakeheadu.ca 807-343-8065

EXPERTISE IN ADVANCED TECHNOLOGY

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Michael Campbell	Chemistry / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	campbelm@tbh.net 807-684-6639
Carlos Christoffersen	Electrical Engineering	Circuit simulation, analog and microwave circuits	cechrist@vision.lakeheadu.ca 807-343 8352
Laura Curiel	Electrical Engineering / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	curiell@tbh.net 807-684-6636
Hosam El-Ocla	Computer Science	Radar detection, remote sensing, wireless networks	hosam@lakeheadu.ca 807-343-8270
Wely Floriano	Chemistry / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	florianw@tbh.net 807-766-3356
Yanglin Gong	Civil Engineering	Steel structures, structural engineering, steel connections, engineering mechanics	ygong@lakeheadu.ca 807-343-8412
Basel Ismail	Mechanical Engineering	Advanced renewable and alternative green energy technologies, advanced membrane CO ₂ gas separation technologies for GHG emissions reduction	bismail@lakeheadu.ca 807-766-7100
Jae Kim	Faculty of Medicine / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	kimja@tbh.net 807-684-6312
David Kisselgoff	Faculty of Medicine / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	kisselgd@tbh.net 807-684-6720
Thamara Laredo	Interdisciplinary Studies / Chemistry	Nanotechnology, molecular interactions, molecular resolution microscopy	tlaredo1@lakeheadu.ca 705-330-4008, ext 2645
Baoqiang Liao	Chemical Engineering	Biological waste treatment, membrane separations, biorefining, bioenergy, particle science and technology	bliao@lakeheadu.ca 807-343-8437

Ali Manzak	Electrical Engineering	Ultra-low power, CNFET's, mixed-signal IC design	amanzak@lakeheadu.ca 807-343-8183
Chris Phenix	Chemistry / TBTRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	phenixc@tbh.net 807-766-3355
Samuel Pichardo	Electrical Engineering / TBTRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	pichards@tbh.net 807-684-6000, ext 4442
Alla Reznik	Physics / TBTRI	Advanced detection devices, biomarker exploration, image guided interventions, cancer biology, radiochemistry	reznika@tbh.net 807-766-3353
John Rowlands	Physics / TBTRI	Advanced detection devices, biomarker exploration image guided interventions, cancer biology, radiochemistry	rowlandj@tbh.net 807-684-7243
Oleg Rubel	Physics / TBTRI	Advanced detection devices, biomarker exploration, image guided interventions, cancer biology, radiochemistry	rubelo@tbh.net 807-766-3350
Jo-Anne Ryan	Faculty of Business (Orillia)	Investor relations websites, XBRL, weblog analysis	jryan1@lakeheadu.ca 705-330-4008, ext 2630
M. Nasir Uddin	Electrical Engineering	Variable speed drives, intelligent control, nonlinear control, power electronics	muddin@lakeheadu.ca 807-343-8693
Wilson Wang	Mechanical Engineering	Intelligent systems, fault diagnosis, prognosis, control	wilson.wang@lakeheadu.ca 807-766-7174
Ruizhong Wei	Computer Science	Computer security, cryptography	rwei@lakeheadu.ca 807-343-8227
Ingeborg Zehbe	Biology / TBTRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	zehbei@tbh.net 807-684-7245

RESEARCH EXPERTISE IN BIOREFINING & BIOPRODUCTS

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	E-MAIL ADDRESS/ TELEPHONE
Aicheng Chen Canada Research Chair in Material and Environmental Chemistry	Chemistry	Green chemistry, materials chemistry, value-added products from lignin, renewable energy, nanotechnology	aicheng.chen@lakeheadu.ca 807-343-8318
Robert Dekker Ontario Research Chair in Biorefining	Biorefining Research Initiative / Biology	Enzyme and fermentation technology, industrial biotechnology, biorefining, bioconversion of lignocellulose materials, polysaccharide chemistry, biodegradation of plant cell wall polymers, bioremediation	rdekker@lakeheadu.ca 807-343-8844
Wely Floriano SHARCNET/MMRC* Biorefining Research Chair	Chemistry / TBRI	Bioinformatics, biorefining by-products, biomass derivatives	wbfloria@lakeheadu.ca 807-766-7215
Mathew Leitch	Natural Resources Management	Bio-products, under-valued tree species, wood value-adding	mathew.leitch@lakeheadu.ca 807-343-8659
Baoqiang Liao	Chemical Engineering	Membrane biotechnology and biorefining	baoqiang.liao@lakeheadu.ca 807-343-8437
Ladislav Malek	Biology	Protein purification chromatography, enzyme assays, protein degradation and synthesis, lignin degradation and synthesis	lada.malek@lakeheadu.ca 807-343-8709
Reino Pulkki	Natural Resources Management	Harvesting, transport, wood-flow logistics, biomass procurement and supply chain management	reino.pulkki@lakeheadu.ca 807-343-8564
Wensheng Qin Ontario Research Chair in Biorefining	Biology / Biorefining Research Initiative	Molecular biology and biotechnology, Enzyme production and analysis, biomass conversion, biofuels, value-added chemicals	wqin@lakeheadu.ca 807-343-8840
Chander Shahi	Natural Resources Management	Marketing of forest products, biomass procurement, value-added forest products,	cshahi@lakeheadu.ca 807-343-8114
Charles Xu	Chemical Engineering	Biomass energy and bio-fuels, bio-refining technologies, biomass gasification and liquefaction	charles.xu@lakeheadu.ca 807-343-8761

EXPERTISE IN BIOTECHNOLOGY & MATERIALS SCIENCE

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Michael Campbell	Chemistry / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	campbelm@tbh.net 807-684-6639
Lionel Catalan Canada Research Chair in Industrial Waste Management and Site Remediation	Chemical Engineering	Cement chemistry, concrete admixtures, stabilization and solidification of hazardous wastes	lionel.catalan@lakeheadu.ca 807-343-8573
Aicheng Chen Canada Research Chair in Material and Environmental Chemistry	Chemistry	Nanomaterials, electrochemical biosensor, electrode materials, photocatalysts	achen@lakeheadu.ca 807-343-8318
Laura Curiel	Electrical Engineering / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	curiell@tbh.net 807-684-6636
Robert Dekker Ontario Research Chair in Biorefining	Biorefining Research Initiative / Biology	Biorefining, biofuels, bioconversion of lignocellulosic materials, enzyme and fermentation technologies, ligninolytic fungal agents for bioremediation, beta-glucans, bioactive oligosaccharides and polysaccharides, lipase-catalysed transesterification of plant seed oils, lignin modification, bark chemicals, steam explosion and green process technologies	rdekker@lakeheadu.ca 807-343-8844
Wely Floriano	Chemistry / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	florianw@tbh.net 807-766-3356
Justin Jiang	Chemistry	Organic synthesis, carbohydrate chemistry, natural product chemistry, anti-cancer drug research, cancer immunotherapy	zjiang@lakeheadu.ca 807-766-7171
Jae Kim	Faculty of Medicine / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	kimja@tbh.net 807-684-6312
David Kisselgoff	Faculty of Medicine / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	kisselgd@tbh.net 807-684-6720
Thamara Laredo	Interdisciplinary Studies / Chemistry	Surface science, analytical chemistry, spectroscopy, biophysics, electrochemistry	tlaredo1@lakeheadu.ca 705-330-4008, ext 2645
Mathew Leitch	Natural Resources Management	Value-adding, mechanical property testing, wood properties, under-utilized species, secondary processing, market and economic analysis.	mleitch@lakeheadu.ca 807-343-8659 807-627-5441 (preferred)

Baoqiang Liao	Chemical Engineering	Biological waste treatment, membrane separations, biorefining, bioenergy, particle science and technology	bliao@lakeheadu.ca 807-343-8437
Craig MacKinnon	Chemistry	Organic semiconductors, plastic electronics, organic light-emitting diodes (OLEDs)	craig.mackinnon@lakeheadu.ca 807-343-8327
Robert Mawhinney	Chemistry	Molecular modeling, materials design, materials characterization	robert.mawhinney@lakeheadu.ca 807-343-8245
Christopher Murray	Interdisciplinary Studies	Biopolymers, biomaterials, stormwater, wastewater, membranes	cmurray1@lakeheadu.ca 705-330-4008, ext 2651
Chris Phenix	Chemistry / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	phenix@tbh.net 807-766-3355
Samuel Pichardo	Electrical Engineering / TBRI	Image guided interventions, biomarker exploration, advanced detection devices, cancer biology, radiochemistry	pichards@tbh.net 807-684-6000, ext 4442
Wensheng Qin Ontario Research Chair in Biorefining	Biology / Biorefining Research Initiative	Biorefining, molecular biology, plant biotechnology, enzymology	wqin@lakeheadu.ca 807-343-8840
Alla Reznik	Physics / TBRI	Advanced detection devices, biomarker exploration, image guided interventions, cancer biology, radiochemistry	reznika@tbh.net 807-766-3353
John Rowlands	Physics / TBRI	Advanced detection devices, biomarker exploration image guided interventions, cancer biology, radiochemistry	rowlandj@tbh.net 807-684-7243
Oleg Rubel	Physics / TBRI	Advanced detection devices, biomarker exploration, image guided interventions, cancer biology, radiochemistry	rubelo@tbh.net 807-766-3350
Zach Suntres	Faculty of Medicine West Campus	Drug delivery systems, liposomes, toxicology, nanotechnology, antioxidants	zacharias.suntres@nosm.ca 807-766-7395
Chunbao (Charles) Xu	Chemical Engineering	Biomass, bioenergy, biofuels, biochemicals and biomaterials	cxu@lakeheadu.ca 807-343-8761
Ingeborg Zehbe	Biology / TBRI	Biomarker exploration, image guided interventions, advanced detection devices, cancer biology, radiochemistry	zehbei@tbh.net 807-684-7245

EXPERTISE IN CULTURE AND SOCIETY

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Aris Carastathis	Music	Music composition, theory, new music performance	acarasta@lakeheadu.ca 807-343-8652
Glenn Colton	Music	Music history, music in Canada, music criticism	glenn.colton@lakeheadu.ca 807-343-8607
Todd Dufresne	Philosophy, Director of the Advanced Institute for Globalization & Culture (aig+c)	Culture and society, psychoanalysis, Freud, theory, cultural studies	tdufresn@lakeheadu.ca 807-343-8338
Ernest Epp	History	Christianity in the twenty-first century, environmental history, First Nations history (especially in Northern Ontario), land use in Northern Ontario	ernieepp@tbaytel.net 807-767-0934
Monica Flegel	English	Child studies, Victorian studies, animal studies, fan fiction	mflegel@lakeheadu.ca 807-343-8285
Curtis Fogel	Interdisciplinary Studies	Culture and society, crime, deviance, social control	cafogel@lakeheadu.ca 705-330-4008, ext 2646
Gary Genosko	Canada Research Chair in Technoculture, Department of Sociology	Cultural studies, cyberculture, food and drink, social theory, media studies, pop culture, communication theory	genosko@lakeheadu.ca 807-343-8477
Scott Hamilton	Anthropology	Archaeology, ethnohistory, Aboriginal studies	shamilton@lakeheadu.ca 807-343-8742
Daniel Hannah	English	Transatlantic studies, queer studies, literature	dhannah@lakeheadu.ca 807-343-8663
Douglas Hayes	English	Medieval English drama, Medieval Scotland	douglas.hayes@lakeheadu.ca 807-346-7885
Kristy Holmes	Visual Arts	Western art history, feminist art and visual culture, Canadian art, critical and cultural theory, film theory, experimental film	kholmes@lakeheadu.ca 807-343-8769
Patricia Jasen	History	Social and cultural history of medicine, women and cancer 1750-2000, students and mental health since World War II	pjasen@lakeheadu.ca 807-343-8033

Dean Jobin-Bevans	Music	Culture and society, post-secondary student satisfaction	djobinbe@lakeheadu.ca 807-346-7748
Margaret Johnston	Outdoor Recreation, Parks and Tourism	Climate change adaptation, human-environment interaction, social economy	mejohnst@lakeheadu.ca 807-343-8377
Timothy Kaiser	Anthropology and Interdisciplinary Studies	Archaeology of Europe and the Mediterranean, ceramic analysis, island archaeology, cave archaeology	tkaiser@lakeheadu.ca 705-330-4008, ext 2611
Mary Lou Kelley	Social Work	Quality of life at the end of life, creating age friendly communities, developing community capacity for providing care to dying people, rural hospice volunteer role	mlkelley@lakeheadu.ca 807-766-7270
Rhonda Koster	Outdoor Recreation, Parks and Tourism	Rural tourism development planning, Aboriginal tourism development and planning, aging in "rural" place	rkoster@lakeheadu.ca 807-343-8440
Judith Leggatt	English	Native literature and literary theory, speculative fiction, postcolonialism, Caribbean literature, Canadian literature, women's literature and feminist theory	jleggatt@lakeheadu.ca 807-343-8286
Julia Munro	English / Interdisciplinary Studies, Orillia	Nineteenth-century literature and popular culture, history of photography, visual media archaeology	jfmunro@lakeheadu.ca 705-330-4008, ext 2647
A.M. Nabarra	Languages	French and Francophone in Northwestern Ontario (from the early settlers to 20 th century)	anabarra@lakeheadu.ca 807-343-8429
Jane Nicholas	History	Canadian cultural history, the history of the body, freak shows, modernity, gender	jnichola@lakeheadu.ca 807-343-8059
Mark Nisenholt	Visual Arts	Fine art, print technologies, digital art	mnisenho@lakeheadu.ca 807-343-8032
Scott Pound	English	Poetry and poetics, writing and new media	spound@lakeheadu.ca 807-343-8298
Jenny Roth	Women's Studies	Gender studies, feminist law and literature, feminist cultural studies, cyberfeminism, fan studies	jroth@lakeheadu.ca 807-766-7116
Gillian Siddall	English	Canadian literature, improvisation, music, gender, disability	gsiddal@lakeheadu.ca 807-343-8167
Nancy Stevens	Social Work	Aboriginal people's wellness, helping skills, decolonizing and empowerment, community capacity-building	nesteven@lakeheadu.ca 705-330-4008, ext 2638

Batia Stolar	English	Canadian and American literature and film studies, (with a particular emphasis on immigrant literature and film in Canada and the United States), gothic literature and film, women's literature, Latina literature, photography, and cultural studies	batia.stolar@lakeheadu.ca 807-343-8489
Sharon Dale Stone	Sociology	Disability and culture, cultural gerontology, aging and culture, culture and health, popular culture, women and culture, culture and society	sdstone@lakeheadu.ca 807-343-8530
Mirella Stroink	Psychology	Bicultural identity, acculturation, cultural worldview, social cognition, self-concept, social change and innovation, community well-being, complex systems theory and community resilience	mstroink@lakeheadu.ca 807-346-7874
Rosario Turvey	Orillia	Environmental sustainability and development geography	rturvey@lakeheadu.ca 705-330-4008, ext 2652
Rachel Warburton	English	Gender, sexuality, early women's writing	rwarburt@lakeheadu.ca 807-343-8374

RESEARCH EXPERTISE IN HEALTH RESEARCH

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Ehsan Atoofian	Electrical Engineering	Parallel programming, high performance computing, CUDA, MPI	atoofian@lakeheadu.ca 807-346-7990
Tony Bauer	Kinesiology	Exercise prescription, lifestyle counselling, clinical exercise therapy, biomechanics of rehabilitation	tony.bauer@lakeheadu.ca 807-343-8654
Michel Bédard	Public Health	Safe driving, medication use, impact of driving cessation, traumatic brain injuries, caregiving	michel.bedard@lakeheadu.ca 807-343-8630
Richard Berg	Philosophy	Health Care Ethics	rberg@lakeheadu.ca 807-343-8293
Timothy Best	Northern Ontario School of Medicine	Peripheral nerve, plastic surgery	tjb@bestsurg.com 705-256-6012
Peter Brink	Public Health	Improving quality of care in late life and end-of-life settings, psychological and physical well-being of long-term care residents, issues related to elder abuse	peter.brink@lakeheadu.ca 807-766-7291
Keith Brownlee	Social Work	Families/family functioning, clinical practice in northern and rural communities, strength based models of therapy and general functioning in clinical practice	keith.brownlee@lakeheadu.ca 807-343-8575
Aicheng Chen	Chemistry	Biosensor, nanotoxicity, nanotechnology	aicheng.chen@lakeheadu.ca 807-343-8318
Jane Crossman	Kinesiology	Quantitative and qualitative analysis of Grand Slam tennis newspaper coverage, the Olympics and Paralympics with a focus on national and gendered identity, psychological and sociological factors relating to injury	jane.crossman@lakeheadu.ca 807-343-8642
Ron Davis	Psychology	Cognitive-behaviour therapy, body image, eating attitudes and behaviours, psychobiology of stress and mindfulness	ron.davis@lakeheadu.ca 807-343-8646
Roger Delaney	Social Work	Welfare philosophy and ethics, social policy and social welfare, rural and northern social work, poverty, organizational and community development, family violence, child welfare and young offenders	roger.delaney@lakeheadu.ca 807-343-8772

Livio Di Matteo	Economics	Health expenditure determinants, public health sustainability, health economics	livio.dimatteo@lakeheadu.ca 807-343-8545
Rachel Ellaway	Northern Ontario School of Medicine	Health professions education, medical informatics, simulation, systems and organizations, e-health	rachel.ellaway@nosm.ca 705-662-7196
Lida Fan	Social Work	Social policy in Canada and developing countries, utilization of health care in transitional countries, maternal health care in transitional countries of the former Soviet Block	lfan@lakeheadu.ca 807-343-8969
Joey Farrell	Kinesiology	Motivation, goal-setting, volunteerism, interprofessional education, behaviour change	joey.farrell@lakeheadu.ca 807-346-7754
Sylvane Filice	Nursing	Population health, community health promotion and education, francophone health issues, chronic disease, injury prevention, ethics and decision making in public health, program evaluation, knowledge exchange and dissemination in public health practice	sylvane.filice@lakeheadu.ca 807-343-8733
Jinan Fiaidhi	Computer Science	Telemedical education	jfiaidhi@lakeheadu.ca 807-343-8224
John Gotwals	Kinesiology	Sport-based studies on perfectionism, positive youth development, and achievement	john.gotwals@lakeheadu.ca 807-346-7952
Erin Gray	Social Work	Multi-sectoral systems collaborations to improve health and other quality of life outcomes for vulnerable populations including children and families living with low income and in receipt of income and social services, qualitative methodologies and strategies including constructivist grounded theory and participatory approaches	ergray@lakeheadu.ca 807-766-7204
Gordon Hayman	Psychology	Cognitive processes- problem solving, memory and unconscious influences on thought and action	gordon.hayman@lakeheadu.ca 807-343-8480
Geoffrey Hudson	Northern Ontario School of Medicine	Social history of medicine, history of war and medicine, history of disability	geoffrey.hudson@nosm.ca 807-766 7392
Judy Iseke	Education	Indigenous healing practices and approaches, Indigenous epistemologies	jisekeba@lakeheadu.ca 807-343-8050
John Jamieson	Psychology	Statistic measurement of change, community and public health	john.jamieson@lakeheadu.ca 807-343-8738

Patricia Jasen	History	History of women and cancer 1750 onwards, with focus on discourses of cancer risk and on cancer epidemiology in social and cultural context, and the history of university student mental health in Canada and the U.S. since World War II	pjasen@lakeheadu.ca 807-343-8033
Mary Lou Kelley	Social Work	Developing health services in rural and First Nations communities, improving quality of life and care for residents in long term care homes, providing palliative and end of life care, rural hospice volunteers, community-based education of rural health professionals, interprofessional education and practice	marylou.kelley@lakeheadu.ca 807-766-7270
Richard Khoury	Software Engineering	Medical informatics	richard.khoury@lakeheadu.ca 807-346-7723
Ti King	Nursing	Gerontological nursing, family caregiving, nursing leadership and management	ti.king@lakeheadu.ca 807-343-8340
Rhonda Kirk-Gardner	Nursing	Heart health programs, cardiovascular care in Northwestern Ontario, heart disease and diabetes in women, heart disease and diabetes in the Aboriginal population, breast screening and cervical cancer in Northwestern Ontario	rhonda.kirk-gardner@lakeheadu.ca 807-343-8393
Derek Kivi	Kinesiology	Physiology and biomechanics of human movement, athlete testing and the evaluation of athletic performance	derek.kivi@lakeheadu.ca 807-343-8645
Rupert Klein	Psychology	Self-concept formation and protection, novel treatments and assessments for people suffering from traumatic brain injuries	rgklein@lakeheadu.ca 807-343-8535
Glenna Knutson	Nursing	Health promotion, professional nursing education, cross-cultural issues in health and case management, social justice in health	glenna.knutson@lakeheadu.ca 807-343-8248
Tom Kondziewski	Psychology (Orillia)	Evolution of language, eye dominance, synaesthesia	tkondzie@lakeheadu.ca 705-330-4008, ext 2637
Tracey Larocque	Kinesiology	Health awareness and education, interprofessional collaboration and education, cancer and exercise, CVD and exercise, and chronic disease risk factor surveillance	tracey.larocque@lakeheadu.ca 807-343-8481
Jianye Liu	Sociology	Inequality of health care and health status in China	Jliu8@lakeheadu.ca 807-343-8215
Lori Livingston	Faculty of Health and Behavioural Sciences	Biomechanics, injury, concussion, lower limb morphology and asymmetry, accuracy, reliability and validity of measurement	lalive@lakeheadu.ca 807-766-7206

Karen Maddox	Nursing	Family nursing, gerontological nursing, spirituality	karen.maddox@lakeheadu.ca 807-343-8247
Amanda Maranzan	Psychology	Mood and anxiety disorders, Aboriginal mental health, social and economic determinants of mental health	amaranzan@lakeheadu.ca 807-343-8322
Lynn Martin	Public Health	Mental health, intellectual disability, applied health services research, health system integration, aging, comprehensive assessment	lynn.martin@lakeheadu.ca 807-766-7245
Dwight Mazmanian	Psychology	Psychometric evaluation of existing scales and assessment methodologies, mood disorders, psychology of gambling, chronic pain, evolutionary psychology, stress, anxiety, professional burnout	dwight.mazmanian@lakeheadu.ca 807-343-8257
Lorne McDougall	Nursing	Innovative education to prepare Aboriginal nurses, senior's learning paths	lorne.mcdougall@lakeheadu.ca 807-343-8115
Linda McKay	Nursing	Child development, pediatric nursing	lmckay@lakeheadu.ca 807-343-8685
Marg McKee	Social Work	Health, aging and end-of-life care, hospice volunteers, pain management and suffering at the end of life	marg.mckee@lakeheadu.ca 807-343-8736
Moira McPherson	Kinesiology	Biomechanics, quantitative and qualitative methods for kinematic analysis, injury prevention, program evaluation, data analysis techniques	moira.mcpherson@lakeheadu.ca 807-343-8640
Karen McQueen	Nursing	Breastfeeding promotion, breastfeeding and Aboriginal women and the early identification and treatment of mothers with postpartum depression	karen.mcqueen@lakeheadu.ca 807-766-7124
Sabah Mohammed	Computer Science	Security of electronic health records	sabah.mohammed@lakeheadu.ca 807-343-8777
Michael Moland	Psychology	Psychopharmacology, cognition, biopsychology/neuroscience	mrmoland@lakeheadu.ca 807-343-8441
A. Michel Morton	Nursing	Working with northern and Native communities, northern health issues, women's health, issues of literacy	mel.morton@lakeheadu.ca 807-343-8839
Connie Nelson	Social Work	Social capital, food security, community well-being	connie.nelson@lakeheadu.ca 807-343-8447

Ian Newhouse	Kinesiology	Exercise physiology, sports medicine and interprofessional education	ian.newhouse@lakeheadu.ca 807-343-8074
Kirsten Oinonen	Psychology	Neuropsychological assessment, psychopharmacology	kirsten.oinonen@lakeheadu.ca 807-343-8096
Diana Pallen	Nursing	Spirituality, chronicity, palliation	diana.pallen@lakeheadu.ca 807-343-8565
Karen Poole	Nursing	Women's health, homelessness, Aboriginal education	karen.poole@lakeheadu.ca 807-343-8439
Eryk Przysucha	Kinesiology	Development and acquisition of movement coordination and control in children with Developmental Coordination Disorder (DCD), balance control and postural adaptations for children with DCD, movement organization in interceptive actions, psychometric issues in assessment and measurement	eryk.przysucha@lakeheadu.ca 807-343-8189
Tom Puk	Education	The reciprocal relationship between human health and ecological integrity	tpuk@lakeheadu.ca 807-343-8710
Wensheng Qin	Biology / Biorefining Research Initiative	Microbiology, biochemical detection, bioactive substances, cell culture	wqin@lakeheadu.ca 807-343-8840
Ed Rawana	Psychology	Strengths of children and adolescents	ed.rawana@lakeheadu.ca 807-343-8453
Susan Sajna-Hebert	Psychology	Abnormal psychology, personality disorders, social psychology	susan.sajna-hebert@lakeheadu.ca 807-343-8420
Susan Scott	Social Work (Orillia)	Ontario's youth justice system- trends and administration, LGBTQ programming, children's mental health, adult mental health, program evaluation, social policy	sscott5@lakeheadu.ca 705-330-4008, ext 2621
Patricia Sevean	Nursing	Evidence-based care guidelines, administration of chemotherapy and symptom management, oncology learning needs and oncology certification, parish nursing, nursing perception of job satisfaction and career development	pat.sevean@lakeheadu.ca 807-343-8396
Michelle Spadoni	Nursing	Nursing practice, human dignity, moral conduct	mmspdoni@lakeheadu.ca 807-343-8667

Darlene Steven	Nursing	Cardiovascular health, breast and cervical cancer, vertigo, gerontology, women's health, violence against women, multiple sclerosis, home care	darlene.steven@lakeheadu.ca 807-343-8643
Nancy Stevens	Social Work (Orillia)	Aboriginal people's wellness, helping skills, decolonizing and empowerment, community capacity-building	nesteven@lakeheadu.ca 705-330-4008, ext 2638
Adam Stibbards	Psychology (Orillia)	Cognition and learning, student-centered learning approaches, how social exchange leads to deeper integration of knowledge	astibbar@lakeheadu.ca 705-330-4008, ext 2612
Sharon Dale Stone	Sociology	Disability studies, social gerontology, experiences of illness, occupational health and illness	sdstone@lakeheadu.ca 807-343-8530
Michael Stones	Psychology	Aging, quality of life, assessment and intervention within health and social care	michael.stones@lakeheadu.ca 807-343-8994
D. Shane Strickland	Nursing	Advanced practice nursing roles, primary care, primary health care, interprofessional collaboration	dsstrick@lakeheadu.ca 807-343-8058
Mirella Stroink	Psychology	Community resilience, sustainability, and well-being, social psychological and cognitive factors in cultural change	mirella.stroink@lakeheadu.ca 807-346-7874
Josephine Tan	Psychology	Depression, women's and Aboriginal health issues, multicultural psychology	josephine.tan@lakeheadu.ca 807-346-7751
Jane Taylor	Kinesiology	Postural control, falls prevention, adapted physical activity, aging, Developmental Coordination Disorder, alternative therapies	jane.taylor@lakeheadu.ca 807-343-8752
David Tranter	Social Work	Personal and social change, relationships, difference and conflict, community engagement and development, youth and recreation/leadership	david.tranter@lakeheadu.ca 807-343-8737
Christina van Barneveld	Education	Educational measurement and evaluation	cvanbarn@lakeheadu.ca 807-343-8330
Jo-Ann Vis	Social Work	Trauma, clinical social work, strength based approaches for change and organizational health	jo-ann.vis@lakeheadu.ca 807-343-8971
Pamela Wakewich	Sociology / Women's Studies/ NOSM	Sociology of health, illness and the body, gender and health, rural and northern health, qualitative methods for health research	pam.wakewich@lakeheadu.ca 807-343-8353

Anne-Marie Walsh	Social Work (Orillia)	Connections between social helping responses and arts, religious traditions, education and child welfare	awalsh@lakeheadu.ca 705-330-4008, ext 2620
Michael Wesner	Psychology	Vision, attention, language, biorhythmic properties of perception	michael.wesner@lakeheadu.ca 807-343-8457
Elaine Wiersma	Public Health	Qualitative methodologies, dementia care, aging and dementia in rural northern communities, quality of life in long-term care homes, public health ethics	ewiersma@lakeheadu.ca 807-766-7250

EXPERTISE IN MINING AND EXPLORATION

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Andrew Conly	Geology	Exploration and mineral deposit geology, experimental geochemistry, stable isotopes and environmental geochemistry	andrew.conly@lakeheadu.ca 807-343-8463
Philip Fralick Lakehead University Research Chair on Martian Astrobiology	Geology	Basin formation, basin-fill architecture, genesis of iron formations	philip.fralick@lakeheadu.ca 807-343-8288
Mary Louise Hill	Geology	Structural geology, metamorphism, shear-zone-hosted gold	mlhill@lakeheadu.ca 807-343-8319
Pete Hollings	Geology	Geochemistry, ore deposits, radiogenic isotopes, midcontinent rift, porphyry deposits, Ni-Cu-PGE mineralization, gold deposits	peter.hollings@lakeheadu.ca 807-343- 8329
Stephen Kinrade Lakehead University Research Chair in Aqueous Silicon Chemistry	Chemistry	Silicon, silicates, silanols, silicone, zeolite synthesis, bio-inorganic chemistry, biomineralization, solute speciation, kinetics, nmr	stephen.kinrade@lakeheadu.ca 807-343-8683
Stephen Kissin	Geology	Geology of ore deposits	sakissin@lakeheadu.ca 807-343-8220
Thamara Laredo	Interdisciplinary Studies / Chemistry	Environmental chemistry, water and soil remediation, pollutants, bacterial degradation	tlaredo1@lakeheadu.ca 705 330-4008, ext. 2645
David Law	Biology	Molecular aquatic toxicology, effects of industrial effluents on fish reproduction, molecular biology, and biotechnology	david.law@lakeheadu.ca 807-343-8277
Peter Lee	Biology	Wetlands ecology, aquatic toxicology, productivity of aquatic macrophytes with particular reference to wild rice and mines, aquatic toxicity effects of pulp and paper and mine effluent	peter.lee@lakeheadu.ca 807-343-8662
Nancy Luckai	Natural Resources Management	Forest soil ecology, biogeochemistry, biodiversity indices, soil and substrate analyses, vegetation analyses, forest mensuration, ecosystem modeling, forest ecology, carbon cycling and sequestration	nancy.luckai@lakeheadu.ca 807-343-8624
Roger Mitchell	Geology	Kimberlites, carbonatites, perovskites	roger.mitchell@lakeheadu.ca 807-343-8287
Inderjit Nirdosh	Chemical Engineering	Mineral flotation	inirdosh@lakeheadu.ca 807-343- 8343
Greg Pyle Canada Research Chair in Environmental Biotechnology and Ecotoxicology	Biology	Chemical communication systems in maintaining aquatic ecosystem integrity, effects of contaminants on chemosensory systems (from molecular to ecosystem level effects)	gpyle@lakeheadu.ca 807-766-7149

EXPERTISE IN NATURAL RESOURCES & THE ENVIRONMENT

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Lionel Catalan Canada Research Chair in Industrial Waste Management and Site Remediation	Chemical Engineering	Cement chemistry, concrete admixtures, stabilization and solidification of hazardous wastes	lionel.catalan@lakeheadu.ca 807-343-8573
Aicheng Chen Canada Research Chair in Material and Environmental Chemistry	Chemistry	Wastewater remediation, value-added lignin products, solar energy	achen@lakeheadu.ca 807-343-8318
Han Chen	Natural Resources Management	Forest ecology and management, natural disturbance, silviculture, forest succession, carbon dynamics, plant diversity, structural diversity, global climate change, biomass harvesting, nutrient dynamics	hchen1@lakeheadu.ca 807-343-8342
Robert Dekker Ontario Research Chair in Biorefining	Biorefining Research Initiative	Biorefining, biofuels, bioconversion of lignocellulosic materials, enzyme and fermentation technologies, ligninolytic fungal agents for bioremediation, beta- glucans, bioactive oligosaccharides and polysaccharides, lipase-catalysed transesterification of plant seed oils, lignin modification, bark chemicals, steam explosion and green process technologies	rdekker@lakeheadu.ca 807-343-8844
Scott Hamilton	Anthropology	Culture heritage impact assessment, applied archaeology, aboriginal traditional land use	shamilto@lakeheadu.ca 807-343-8742
Stephen Hecnar	Biology	Population and community ecology, biogeography, conservation biology, ecotoxicology, herpetology	shecnar@lakeheadu.ca 807-343-8250
Mary Louise Hill	Geology	Structural geology, metamorphism, shear- zone-hosted gold	mary.louise.hill@lakeheadu.ca 807-343-8319
Peter Hollings	Geology	Geochemistry, ore deposits, radiogenic isotopes, midcontinent rift, porphyry deposits, Ni-Cu-PGE mineralisation, gold deposits	peter.hollings@lakeheadu.ca 807-343-8329
Basel Ismail	Mechanical Engineering	Advanced renewable and alternative energy technologies, advanced geothermal energy technology, advanced membrane CO ₂ gas emissions separation technology	bismail@lakeheadu.ca 807-766-7100
Margaret Johnston	School of Outdoor Recreation, Parks and Tourism	Nature-based tourism, tourism governance	mejohnst@lakeheadu.ca 807-343-8377

Stephen Kissin	Geology	Geology of ore deposits	sakissin@lakeheadu.ca 807-343-8220
Thamara Laredo	Interdisciplinary Studies (Orillia) / Chemistry	Environmental chemistry, water and soil remediation, pollutants, bacterial degradation	tlaredo1@lakeheadu.ca 705-330-4008, ext 2645
Mathew Leitch	Natural Resources Management	Advanced manufacturing, CNC technologies, production efficiency, wood property mapping	mleitch@lakeheadu.ca 807-343-8659 807-627-5441 (preferred)
Christopher Murray	Interdisciplinary Studies (Orillia)	Biopolymers, biomaterials, stormwater, wastewater, membranes	cmurray1@lakeheadu.ca 705-330-4008, ext 2651
Inderjit Nirdosh	Chemical Engineering	Mineral Flotation	inirdosh@lakeheadu.ca 807-343-8343
Florin Pendea	Interdisciplinary Studies (Orillia)	Wetland ecology, climate change, surface geology, Aboriginal land use, aero-biology.	ifpendea@lakeheadu.ca 705-330-4008 ext 2653
Ellie Prepas Canada Research Chair in Sustainable Water Management and the Boreal Forest	Natural Resources Management	Watershed management, stream hydrology, water quality, microbiology, eutrophication	eprepas@lakeheadu.ca 807-343-8623
Reino Pulkki	Natural Resources Management	Forest harvesting systems and equipment analysis; wood transport and logistics; forest roads planning and construction; supply chain management; operations planning	rpulkki@lakeheadu.ca 807-343-8564
Greg Pyle Canada Research Chair in Environmental Biotechnology and Ecotoxicology	Biology	Chemical communication, metals toxicology, aquatic ecotoxicology, environmental pollution, fish	gpyle@lakeheadu.ca 807-766-7149
Wensheng Qin Ontario Research Chair in Biorefining	Biology / Biorefining Research Initiative	Municipal waste treatment, biomass conversion, bioproducts, biomaterials, biotechnology	wqin@lakeheadu.ca 807-343-8840
Todd Randall	Geography	Sustainable community design, neighbourhood design, residential intensification, GIS applications in planning and urban geography	randall@lakeheadu.ca 807-343-8381
Chander Shahi	Faculty of Natural Resources Management	Natural resource economics, market sector analysis, market readiness for bioenergy production, forest industry production technologies, real time operations planning, logistics and transportation network optimization, socio-economic impacts assessment, value-added forest products, bioeconomy	cshahi@lakeheadu.ca 807-343-8114

Mirella Stroink	Psychology	Food security, psychological and cultural factors in environmental behaviour, social change, social innovation, community engagement, community well-being, complex systems theory	mstroink@lakeheadu.ca 807-346-7874
Rosario Turvey	Orillia	Environmental sustainability and development geography	rturvey@lakeheadu.ca 705-330-4008, ext 2652

RESEARCH EXPERTISE IN NORTHERN RESEARCH

NAME	ACADEMIC UNIT	AREAS OF EXPERTISE	EMAIL ADDRESS/ TELEPHONE
Jonathan Anuik	History / Interdisciplinary Studies	Spirituality, teaching and learning; interprofessional education and care; Aboriginal education; Métis families and communities; Elder abuse	jdanuik@lakeheadu.ca 705-330-4008, ext 2613
Michel Beaulieu	History / Centre for Northern Studies	History of Northern Ontario and Northern Canada; northern resource & economic development; Canadian and international labour movements; film history	michel.beaulieu@lakeheadu.ca 807-343-8341
Paul Berger	Education	Inuit schooling; bilingual & cross cultural schooling; indigenous education; critical pedagogy; teacher education	paul.berger@lakeheadu.ca 807-343-8708
Matthew Boyd	Anthropology	Archaeology; boreal forest; subarctic; northern environmental change; Lake Superior	matthew.boyd@lakeheadu.ca 807-343-8279
Adam Cornwell	Geography / Environmental Studies	Climate change and soil moisture, climate change in Northwestern Ontario	acornwel@lakeheadu.ca 807-766-7125
Robert Dekker	Biorefining Research Initiative / Biology	Enzyme and fermentation technology, industrial biotechnology, biorefining, lignocellulose conversion, bioethanol from cellulose, biodiesel from plant seed oils, polysaccharide chemistry, lignin, bioremediation	rdekker@lakeheadu.ca 807-343-8844
Martha Dowsley	Geography / Anthropology	Human-environment relationships, natural resource governance, aboriginal traditional knowledge, polar bears, species at risk, Inuit women	mdowsley@lakeheadu.ca 807-343-8430
Wa Gao	Civil Engineering	Cold regions environmental engineering, water and wastewater treatment in cold regions	wagao@lakeheadu.ca 807-343-8538
Gary Genosko Canada Research Chair in Technoculture Studies	Sociology	Social Informatics; administrative surveillance; food and culture, violence and racism; Indigenous resistance	genosko@lakeheadu.ca 807-766-7152
Scott Hamilton	Anthropology	Archaeology, N. plains and subarctic, fur trade, ethnohistory, traditional land use, cultural resource management	shamilto@lakeheadu.ca 807-343-8742
Mary Louise Hill	Geology	Structural geology and metamorphism in the Canadian Shield	mary.louise.hill@lakeheadu.ca 807-343-8319
Mary Lou Kelley	Social Work	Rural aging, rural palliative care, rural health services, palliative care and aging in First Nations communities, community-based participatory action research methods	mlkelley@lakeheadu.ca 807-766-7270

Rhonda Koster	Outdoor Recreation, Parks and Tourism	Aboriginal tourism development, community-based tourism, experiential tourism, rural & regional tourism planning	rkoster@lakeheadu.ca 807-343-8440
Harvey Lemelin	Outdoor Recreation, Parks and Tourism	Northern/Aboriginal, wildlife management, parks & protected areas, co-management, tourism, community-research	harvey.lemelin@lakeheadu.ca 807-343-8745
Baoqiang Liao Lakehead University Research Chair in Membrane Biotechnology	Chemical Engineering	Environmental biotechnology, separations, and their applications in biorefining and bioenergy	bliao@lakeheadu.ca 807-343-8437
Douglas Morris Research Chair in Northern Studies	Biology / Northern Studies	Climate change, conservation of biodiversity, habitat, population dynamics of northern mammals, species interactions	douglas.morris@lakeheadu.ca 807-343-8162
Ian Newhouse	Kinesiology	Interprofessional Health Care/Education	inewhous@lakeheadu.ca 807-766-7294/807-343-8074
John O'Meara	Education	Indigenous languages (Ojibwe, Delaware, Cree)	jomeara@lakeheadu.ca 807-343-8054
Kirsten Oinonen	Psychology	Adult fetal alcohol spectrum disorders	koinonen@lakeheadu.ca 807-343-8096
Tom Puk	Education	Linking ecologically consistent lifestyles in Northwestern Ontario in early 20 th century with present day northern challenges; ecological integrity; reciprocal ecological health	tpuk@lakeheadu.ca 807-343-8710
Reino Pulkki	Natural Resources Management	Harvesting, transport, wood-flow logistics, biomass procurement and supply chain management	reino.pulkki@lakeheadu.ca 807-343-8564
Greg Pyle Canada Research Chair in Environmental Biotechnology and Ecotoxicology	Biology	Freshwater biology, aquatic toxicology, effects of industrial contaminants, ecological effects, metals	gpyle@lakeheadu.ca 807-766-7149
M.A. (Peggy) Smith	Natural Resources Management	Natural resources policy, aboriginal lands and resources issues, environmental assessment, social impacts of natural resource development	pasmith@lakeheadu.ca 807-343-8672
Darlene Steven	Nursing	Risk factors for heart disease in northwestern Ontario; breast and cervical cancer screening among aboriginal women in northwestern Ontario; northern studies in gerontology	dsteven@lakeheadu.ca 807-343-8643
Robert Stewart	Geography	First Nations source water protection, large lake management and remediation	rob.stewart@lakeheadu.ca 807-766-7181

Sharon Dale Stone	Sociology	Injured workers in Northwestern Ontario (including aboriginal workers)	sdstone@lakeheadu.ca 807-343-8530
Mirella Stroink	Psychology	Community and regional resilience, adaptation, food security, sustainability, well-being, culture, learning	mstroink@lakeheadu.ca 807-346-7874
Josephine Tan	Psychology	Aboriginal and northern health issues, biological rhythms and cognitive-affective performance, cultural and environmental factors in health status	jtan@lakeheadu.ca 807-346-7751
Pamela Wakewich	Sociology / Women's Studies/ NOSM	Rural and northern health; gender and health in rural and northern communities; qualitative health research; women's wartime work in northwestern Ontario	pam.wakewich@lakeheadu.ca 807-343-8353
Bradley Wilson	Geography	Remote sensing, GIS, food desert mapping, alternate energy	bwilson@lakeheadu.ca 807-343-8746
Elaine Wiersma	Public Health	Aging in rural and northern communities, Alzheimer's disease and related dementias in rural and northern communities	ewiersma@lakeheadu.ca 807-766-7250
Charles Xu	Chemical Engineering	Biomass energy and biofuels, biorefining technologies, biomass gasification and liquefaction	charles.xu@lakeheadu.ca 807-343-8761
Michael Yuan	Outdoor Recreation, Parks & Tourism	Tourism planning and development, tourism economic impact analysis, recreation resource management, crown land recreation modeling	mike.yuan@lakeheadu.ca 807-343-8112
Mehdi Zahaf	Business	Sustainable marketing, marketing of green and organic product, research designs in marketing	mehdi.zahaf@lakeheadu.ca 343-8388