

## **Graduate Thesis Masters**

**2016**

**Alyson Brown, MSc.**, Paleoenvironmental Analysis Of Namu Lake, British Columbia

**Rebecca Lee, MSc.**, Landsystem Analysis of Three Outlet Glaciers, Southeast Iceland

**Nicole Urbalonis, MA.**, Preterm Birth: Perspectives On Resource Access And Pregnancy Experience

**Sydney Duggan, MSc.**, Hydrogeological Assessment At The Clarington Transformer Station Using A Conventional Well System With Recommendations To Establish An Advanced Groundwater Monitoring Station

**Ben Didemus, MSc.**, Water Storage Dynamics In Peat-Filled Depressions Of Canadian Shield Rock Barrens: Implications For Primary Peat Formation

**Darla Bennett, MSc.**, An investigation into the influence of microbes on the cycling of sulfur in a net neutral oxidation reservoir in Sudbury.

**Jessica Rastelli, MSc.**, Dissolved Organic Carbon Concentration, Patterns And Quality At A Reclaimed And Two Natural Wetlands, Fort McMurray, Alberta

**Kesia Ie, MSc.**, Oxygen Isotope Fractionation Between Hydroxyapatite (Hap)-Bound Carbonate And Water At Low Temperatures

**Marc D'Alessandro, MSc.**, Development of Intensity-Duration-Frequency Curves Using Local and Regional Scale Methods

**Gabe Arcuri, MSc.**, Whole-rock Pb Isotope Delineation of Archean and Paleoproterozoic Crustal Terranes in the Grenville Province and Adjacent Makkovik Province: Evidence for Juvenile Crustal Growth During the Paleoproterozoic

**Haley Spennato, MSc.**, An Assessment of the Water Table Dynamics in a Constructed Wetland, Fort McMurray, Alberta

**Cameron McCann, MSc.**, Utilizing low-level remote sensing to monitor peatland disturbance

**Jung Lee, MSc.**, Biophysical and Economic Analysis of Black Spruce Regeneration in Eastern Canada Using Global Climate Model Productivity Outputs

**Sadia Yawar, MSc.**, An analysis of commuting distance and its controlling factors in the greater Toronto-Hamilton area.

**Brandon MacKinnon, MSc.**, Interacting Effects of Post-Wildfire Hydrophobicity and Vegetation Recovery in a Poor Fen Peatland

**Stephanie Kimmerle, MSc.**, An Analysis of Soil Respiration in a Temperate Deciduous Forest Ecosystem

**Katelynn Daly MSc.**, An Analysis of Soil Respiration in a Temperate Deciduous Forest Ecosystem

**Felix Chan, MSc.** Carbon, Water, and Energy Dynamics of a Pine Forest During the First Decade Since Plantation on a Former Cropland

2015

**Alex Hodson, MSc.**, OSL Dating Of A Woodland Period Occupation At The Hare Hammock Ring And Complex Bay County, Florida

**Jeremy Parsons, MA., MSc.**, [The Making Of The Meadowlands: How Ancaster's Fields Became Hamilton's Suburbs.](#)

**Christopher Spencer, MSc.**, [Assessment of the Clumped Isotope Composition of Calcite for Paleothermometry](#)

**Mark Belen, MSc.**, Spatial Distribution And Preservation Of Carbon Isotope Biosignatures In Freshwater Microbialite Carbonate.

**Matthew Leyenaar, MA.**, [Using Geo-spatial Analysis For Effective Community Paramedicine.](#)

**Erin Nicholls, MSc.**, [Multi-Year Water Balance Assessment Of A Newly Constructed Wetland, Fort McMurray, Alberta.](#)

**Kathleen Rodrigues MSc.**, [OSL Dating Of A Coastal Swift Creek Occupation at Harrison Ring, Bay County, Florida](#)

**Shannon Vautour MSc.**, [A New Model For The Quebecia Terrane In The Grenville Province As A Composite Arc Belt: SM-ND Evidence](#)

**Kelly Biagi, MSc.**, [Understanding Flow Pathways, Major Chemical Transformations and Water Sources Using Hydrochemical Data In A Constructed Fen, Fort McMurray, Alberta](#)

**Andrew Trapp, MSc.**, : [Hydrostratigraphy Of The Paris Moraine In The Guelph Area, Ontario, Canada](#)

**Eric Windhorst, MA.**, [An Exploration Into The Relationship Between The Mental Health Of Undergraduate Students At McMaster University And Their Affiliation With Nature.](#)

**Xiaojun Pan, MSc.**, [Large-Scale Root Zone Soil Moisture Estimation Using Data-Driven Methods.](#)

**Chelsea Thorne, MSc.**, [A Comparison Of Soil Nitrogen Availability For A Previously Mined Reclaimed Wetland And Two Natural Wetlands In Fort McMurray, Alberta.](#)

**Ilya Inozemtsev, MSc.**, [Land-based Vector Magnetic Survey of a BIF-hosted Iron Ore Deposit, Mary River, Baffin Island, Nunavut](#)

**Skubel, Rachel, MSc.**, [Water Use Dynamics of Temperate Pine Plantation Forests and Their Response To Thinning and Climate Variability](#)

## 2014

**Bradford, Laura, MSc.**, [Oxygen And Boron Isotope Effects In Synthetic Calcite](#)

**Clay, Samantha, MSc.**, [Fate Of Petroleum Hydrocarbons In The Environment](#)

**Fraser, Stephanie, MSc.**, [Evaluating the Influence of Vegetation on Evapotranspiration from Waste Rock Surface in the Elk Valley, British Columbia.](#)

**Gallina, Melissa, MA.**, [Variations In Sense Of Place Across Immigrant Status And Gender: Relationship To Air Quality Perceptions Amongst Women In Hamilton, Ontario, Canada.](#)

**Gregory, Braden, MSc.**, [Developing new paleoenvironmental approaches for Caribbean coastal systems – case studies from Punta de Cartas and Playa Bailen, Cuba and Little Salt Spring, Florida.](#)

**Hansen, Stine, MA.**, [Exploring The Prevalence And Perception Of Vision Impairment And Disability Among Canada's Immigrant Population.](#)

**Hokanson, Kelly, MSc.**, [Influence Of Hydrogeological Setting On Peatland Burn Severity.](#)

**Hrvoic, Doug, MSc.**, [High-resolution near-shore geophysical survey using an Autonomous Underwater Vehicle \(AUV\) with integrated magnetometer and side-scan sonar.](#)

**Lotimer Leslea, MSc.**, [Subsurface Stratigraphy And Hydrogeology Of The Peterborough Drumlin Field, Southern Ontario](#)

**Wasan Nagib, MA.**, [Toward A Therapeutic And Autism-Friendly Home Environment.](#)

**Perski, Monica, MA.**, [Examining The Daily Operations And Workplace Accommodations Within A Social Enterprise For Individuals Living With Mental Illness In Ontario, Canada.](#)

**Reid, Michelle, MSc.**, [Zonation in an Athabasca Oil Sands Composite Tailings Deposit Undergoing Reclamation Wetland Construction.](#)

**Tang, Victor, MSc.**, [An Automated Toolkit For Hyetograph-Hydrograph Analysis.](#)

**Wyman, Jillian** MSc., [Oxygen And Boron Isotope Effects In Synthetic Calcite](#)

## 2013

**Buhariwala, Pearl**, MA., [Real Work For Good Pay And A Community To Belong To": Creating Alternative Workplaces For People With Mental Illness.](#)

**Dohey, Tim**, MSc., [Airborne Gravity Radiometry as an Exploration Tool](#)

**Kendra, Katie**, MSc., [Microbial Sulfur Biogeochemistry Of Oil Sand Composite Tailings With Depth](#)

**Khader, Reham**, MSc., [Energy And Water Balance In A Deciduous Forrest In Southern Ontario](#)

**Klein Gebbinck, Christa** MSc., [Boron Incorporation Into Synthetic Aragonite](#)

**Kulla, Michelle**, MSc., [Biometric-based Carbon Estimates and Environmental Controls within an Age-Sequence of Temperate Forests](#)

**Mulligan, Riley**, MSc., [Quaternary Landform And Sediment Analysis Of The Alliston Area \(Southern Simcoe County\), Ontario, Canada](#)

**Parsaud, Ananta**, MSc., [Carbon Exchange in a Temperate Deciduous Forest](#)

**Reyes, Mario**, MSc., [Measuring Bicycle and Pedestrian Activity in Santiago, Chile](#)

**Shanks Amy**, MA., [Residents' Perceptions And Understandings Of Suburbs In Hamilton, Ontario](#)

**Shatilla, Nadine**, MSc., [The Impact Of Surface Mining On Runoff Timing And Flow Pathways, Elk Valley, British Columbia.](#)

**Simkus, Danielle**, MSc., [Microbial Communities In The Deep Terrestrial Subsurface](#)

**Soles, Sarah**, MSc., [Istopic Biosignatures And Microbial PLFA Profiles](#)

**Suttak, Philip**, MSc. [High-resolution lake-based magnetic mapping and modelling of basement structures, with examples from Küçükçekmece Lagoon, Turkey and Charity Shoal, Lake Ontario](#)

**Trant, Janelle**, Msc. [Effects Of Thinning And Extreme Weather Events On Carbon Dynamics In A Temperate Coniferous Forest](#)

**Tschirhart, Peter**, MSc., [Geophysical Processing And Interpretation With Geologic Controls: Examples from the Bathurst Mining Camp](#)

## 2012

**Atkins, Claire** MA., [Revitalizing Hamilton's Heart: Business Owners and the Prospects for King Street Downtown.](#)

**Baisley, Steven**, MSc., [Effect of Drying Induced Afforestation on Peatland Ecohydrology Implications for Wildfire Vulnerability.](#)

**Cho, Jenny, MA.,** Exploring the Health and Health Care Experiences of Refugee and Refugee Claimant Women in Hamilton, Ontario: A Qualitative Study

**Cimaroli, Kristina, MA.,** The Frequency of Blood Donation in Canada: An Exploration of Individual and Contextual Determinants

**Clark, Martin, M.Sc.,** Deformation in Fossil and Active Convergent Tectonic Regions: Examples from Sudbury, Ontario and Rhodes, Greece.

**Devotta, Kim , MA.,** The Role of Care Environments in the Experience of Breast Cancer Care

**Jeanette Eby, MA.,** Gathering Places And Neighbourhood Sense Of Place: Exploring Single Women's Experiences Across The Life Course

**Fallon, Nicole, M.Sc.** Multi-Frequency Ground-Penetrating Radar (GPR) Study of Glaciofluvial Outwash Deposits, Limehouse, Ontario

**Fitzgerald, Alex, MSc.,** Calculating the groundwater contribution of phosphorus and nitrogen to a small urban stream, Barrie, Ontario.

**Garden, Benjamin, MA.,** Telecommuting Travel Behavior: Examining the Influence of Work Status On Distance and Mode Choice in the National Capital Region

**Hashimoto. Yui, MA.,** Understanding experiences of food insecurity for lone mothers in Hamilton, Ontario

**Jarin Esita, MA.,** Accessibility And The Allocation Of Clinic Resources To Optimize Blood Donor Yield A Case Study of the Hamilton CMA"

**Klisz, Adrian, MA,** The Effects of Augmented Reality Computing on Microgenetic Developments of Place in Unfamiliar Spaces

**Lavery, Tom, MA.,** The Justice of Urban Change: Assessing the Sustainability and Justice of Urban Change Using an Integrated Urban Model

**Molon, Michelle, M.Sc.,** Quantitative, Non-destructive Estimates of Forest Coarse Root Biomass Using 3-D Ground Penetrating Radar (GPR)

**Nwanneoma Ngonadi, M.S.c.,** Using PLFA to constrain microbial distribution related to S cycling in oil sands composite tailings during reclamation.

**Stephenson, Kate, M.Sc.** Seasonal Sulfur Biogeochemistry of Oil Sands Composite Tailings Undergoing Fen Reclamation

## 2011

**Ahmad, Shakeel, M.Sc.,** Sea-Level and Barrier evolution of Saint Joseph Peninsula, North Gulf of Mexico, Florida from textural analysis, ground penetrating radar and organic matter isotope geochemistry

**Axisa, Jeff, MA.,** Migration and the Journey to Work in Toronto's Commuter Shed.

**Brennan, Andrew, M.Sc. ,** Characterizing the Quaternary Hydrostratigraphy of Buried Valleys using Multi-Parameter Borehole Geophysics, Georgetown, Ontario

**Cardwell, Francesca, MA.**, [Knowledge, Attitudes and Practices of Global Environmental Change and Health: Towards Sustainable Behaviour Change?](#)

**Chow, Bonnie, MA.**, [“Everybody Else Got To Have This Cookie: The Effects of Food Allergen Labels on the Well-Being of Canadians”](#)

**Chowbury, Tufayel, MA.** [Travel Behaviour – Built Environment Nexus: An Investigation In The Content Of Halifax Regional Municipality](#)

**Dao, Peter, M.Sc.**, [Reconstruction of Bronze-Age \(Mycenaean\) Coastal Environments and Anchorage Sites At Kalamianos \(Korphos, Greece\) Using Geoarchaeological and Geophysical Techniques](#)

**Dykeman, Sarah, MA.** [Compassionate Care Benefit Pre-Implementation Knowledge Tool Development For Canadian Social Workers: A Qualitative Study](#)

**Gabriel, Jeremy, MSc.** [LATE HOLOCENE \(3500 yBP\) SALINITY CHANGES AND THEIR CLIMATIC IMPLICATIONS AS RECORDED IN AN ANCHIALINE CAVE SYSTEM, OX BEL HA, YUCATAN, MEXICO](#)

**Holland, Steven, M.Sc.**, [Characterizing Clay-Microbe-Metal Interactions: Implications for Metal Immobilization](#)

**Kaneda, Naoya, MA.**, [Modelling the traffic related pollution reduction through increased use of Hybrid-Electric Vehicles \(HEVs\) in Hamilton, Ontario, Canada](#)

**Kielasinka, Ewe, MA.**, The Geography of Urban Arson in Toronto

**Liu, Xudong, MA.**, [Towards a Microsimulation Residential Housing Market Model: Real Estate Appraisal and New Housing Development](#)

**Moniruzzaman, Md., MA.**, [Accessibility And Built Environment Effects On Transit Use](#)

**Nichols, Emily, M.Sc.**, [Assessing Seasonal Dynamics of Soil CO<sub>2</sub> Efflux Using Continuous Measurements In A Temperate Pine Forest](#)

**Puckering, Stacey, M.Sc.**, [Analysis of Variable Scale Bedrock Erosional Features in Ontario and Ohio: Improving Understanding of Subglacial Erosional Processes](#)

**Salimi, Samira, M. Sc.**, [Water depth and salinity control of thecamoebian \(testate amoebae\) assemblages in Cootes Paradise, Southern Ontario, Canada](#)

**Sherwood, James, MSc.**, Ecohydrological Response to Peatland Drainage and Wildfire

**Slomka, Jessica, M.Sc.**, [Sedimentary Architercture of Shallow and Deep Subsurface Quaternary Sediments, Southern Ontario](#)

**Spina, Natalie, M.Sc.**, [“Beach Hydrology Implications for Beach Quality, Georgian Bay, Ontario”](#)

**Underhay, Sara Lise, M.Sc.**, [“Structure and Deformation of the Sudbury Impact Crater”](#)

**Whalen, Kate, M.A.**, [Travel Preferences and Choices of University Students and the Role of Active Travel](#)

**Yang, Jia, MA.**, [Microsimulating Firmography of Small and Medium Size Business Establishments in the City of Hamilton on the Basis of GIS](#)

**2010**

**Ahmad, Sarah, MA.,** Public Engagement - Why bother? Exploring the conditions under which public engagement practices in local health care decision making matters

**Drackley, Adam, MA.,** How Generous Are We? Forecasting and Demographic Correlates of Blood Donation.

**Hewitson, Mounblow, Rebecca, M.Sc.,** Nd Isotope Mapping of the Grenville Province in Southern Labrador

**Hynes, Eden, M.Sc.,** Nd Isotope delineation of Crustal Terranes in the Bancroft Area of Ontario and the Saguenay and Baie Comeau Regions of Central Quebec: ensialic rifting and arc formation

**Leoni, Lisa, M.Sc.,** Searching for Biosignatures in Mars Analogue Sites: An Analysis of Microbial Carbon Cycling and Biosignatures within Acid-sulfate and hypersaline Lake Environments

**Levison, Morgan, MA.,** Diseases are a must. Human beings must get sick: A Rural Community's Knowledge, Attitudes and Practices towards Water, Sanitation and Health

**Maunder, Craig, M. Sc.,** Interactions between microbial organisms and polycyclic aromatic hydrocarbons, as investigated through the use of phospholipid fatty acid analysis.

**MacKay, Samantha, M.Sc.** The Impact of Drought on Transpiration and Growth In a Temperate Pine Plantation Forest.

**McDonald, Ashley, MA.,** Residential Mobility and the Changing Social Geography of Toronto, 1901-1911.

**Melfi, Roberto, MA.,** Psychosocial Concerns of Residents Living Near the Red Hill Valley Parkway in Hamilton, Ontario.

**Rhpdes, Jacyln,** Neighbourhood Characteristics and Health: An Examination of Four Hamilton, Ontario Neighbourhoods,

**Saberton, Peter, MA.,** An Examination of Blood Donor Correlates: Canada and Toronto

**Santimano, Tasca, M.Sc.,** Kinematics and mechanisms of upper-crustal deformation in the Eastern Cordillera, southern Central Andes, NW Argentina.

**Spicer, Bill, M. Sc,** Geologically Constrained Geophysical Modeling of magnetics and Gravity - the Baie Verte Peninsula, Newfoundland

**Stuckless, Jamie, MA.,** A Study of Cyclists in Hamilton, Ontario: Perceived Availability of Cycling Facilities and Cyclists' Motivations for Cycling.

**Wilhelm, Lana, M.Sc.,** Effects of Peat Fuel Extraction and Peatland Reclamation on Vegetation and Greenhouse Gas Exchange

**2009**

**Beatty, Sarah**, M.Sc., [The Hydrological Effects of Fractional Wettability and Contact Angle Dynamics in Water Repellent Porous Media](#)

**Benson, Andrew**, M.Sc., Concentrations of combustion derived contaminants in the sediments of remote lakes. Recent trends and implications for site assessment

**Chen, Genham**, MA., Validation and Evaluation of Integrated Urban Models

**Dam, Huyen**, MA., [Becoming and Being a Vietnamese-Canadian: The Story and Journey of the Vietnamese Boat People in Hamilton.](#)

**Dam, Ivy**, MA., [Exploring the Relationship between social influence and Telecommunications.](#)

**Gabriel, Jeremy**, M.Sc., [Late Holocene \(3500 yBP\) Salinity Changes and Their Climatic Implications as Recorded in an Anchnialine Cave System, Ox Bel Ha, Yucatan, Mexico](#)

**Huang, Suo**, M.Sc., [Analysis of Nitrogen Controls on Carbon and Water Exchanges in a Conifer Forest Using Class-CtemN+Model](#)

**Koronios, Manolis**, M.A., [Exploring and Modeling the Urban Land Development Process in Hamilton, Ontario.](#)

**Leach, Meagan**, M.Sc., [Influence of an Upstream Dam on Shallow Hydrology and Dynamics in an Unconfined Riparian Zone](#)

**Lewis, Jason**, M.Sc., [Quantifying Coastline Change for Playa Guiones and Playa Pelada, Costa Rica](#)

**Lucchese, Mariia**, M.Sc., [“Peatland Resoration: An Ecohydrological Assessment.”](#)

**Marinas, Maricris**, M.Sc., [The Effects of Disconnected Entrapped Air on Hydraulic Conductivity in the Presence of Water Table Fluctuations](#)

**Moore, Esther**, M.Sc., [Reconstructing A Geological Map Of The Grenville Province.](#)

**Pierce, Daryl**, M.A., [A Changing Social Geography of the Hamilton Census Metropolitan Area](#)

**Repussard, Antoine**, M.Sc., [Stable Carbon and Oxygen Isotopes in Bone: Tracing Droughts during the Maya Era using Archaeological Deer Remains.](#)

**Thomson, Stephanie**, M.Sc., [“Mapping Crustal Terrane Boundaries in Manicouagan Quebec”](#)

**Vuksan, Mirjana**, MA., [Evaluating Canada's Compassionate Care Benefit From The Employer/Human Resoruces \(HR\) Perspective](#)

**Wang, Yifei**, M.Sc., [A Microsimulation Model for Residentail Mobility: An Application to the City of Hamilton.](#)

**Wiley, Karen**, MA., [Exploring and Modeling the Level of Service of Public transit in Urban Areas: An Application to the Greater Toronto and Hamilton area \(GTHA\), Canada](#)

**Zelek, Mark**, M.Sc., [Nd Isotope Deliniation ofArchean and Paleoproterozoic Crustal Terrances: Cryptic Suturing and Ensialic Arc Formation in the parent-Clova region of South-Central Quebec.](#)



## 2008

**Bonin, Julian**, M.Sc. "Individual shopping Trip Durations. Is there a Metropolitan/Non-Metropolitan divide?"

**Cowie, Ben**, M.Sc., "Elucidation of Microbial Carbon Cycling in Contaminated Environments using Compound Specific Isotope Analysis."

**DeMiglio, Lly**, MA., "Sense of Place, Sense of Time: A Mixed Methods Study of Two Neighbourhoods in Hamilton, Ontario, Canada"

**Ferdous, Farhana**, MA., "Characterization of Nitrogen Dioxide and Sulpher Dioxide Ambient Concentrations Over an Urban Area through Land use Regression Modelling: An Application to Hamilton, Ontario, Canada"

**Krezoski, Gillian**, M.Sc., "Paleo-environmental Reconstruction of Pre-historic Submerged Shorelines and Coastal Environments of Liman Tepe/Clazomenae, Turkey"

**Lee, Madeline**, M.Sc., "Limitations and alternative mitigation procedures in potential field interpretation and processing: An investigation through three Canadian case studies"

**Love, Michele**, MA., Exploring Woman-only Substance Abuse Treatment Programs As Therapeutic Landscapes.

**Neligan, David**, MA. "Smoking Prevalence and Cessation Amongst Immigrants in Canada"

**Ryan, Justin**, MA. "Population Synthesis Techniques: Creating Input Data for Microsimulation Models"

**van Hengstum, Peter**, M.Sc., "Paleoenvironmental analysis using thecamoebians and foraminifera in Mexican phreatic anchialine caves: a focus on Carwash (Actun Ha) Cave System, Mexico"

## 2007

**Becker, Jessica**, MA., "Understanding Commuting Decisions: A Case Study of Students and Staff at McMaster University"

**Donovan, Rhonda**, MA., "The Effect of Home-Based Palliative Care on Family Caregivers Living in Rural Areas"

**Etherington Jenn**, M.Sc., "Persistence and Effectiveness of Hydroxypropyl - $\beta$ - Cyclodextrin During Soil Remediation"

**Harrington, Daniel**, MA., "Understanding the individual- and contextual-level risk factors for overweight and obesity in Ontario: a multilevel analysis."

**Harrison, Kristen**, M.Sc. "Effects of atmospheric pressure and temperature on entrapped gas and ebullition in peat"

**Kingston, Andrew**, M.Sc., "Stable-Isotope Analysis of Archaeological Material (Sebastes spp., Saxidomus gigantea) From Namu, British Columbia as a Proxy for Holocene Climate Change"

**McLaren, Joshua**, M.Sc., "Atmospheric and Soil Water Limitations On Water Flux Components in a Temperate Pine Forest"

**Meek, Gregory**, MA., Transport and Persistence of E. Coli in the Swash Zone of Amberley Beach, Lake Huron, Ontario, Canada. (Thesis not bounded in hard-cover)

Messina, **Joise**, MA. "[Linking Time Geography and Health Geography: an Exploration of time-space constraints and health Status in Two Contrasting Neighbourhoods in Hamilton, ON.](#)"

**Moretton, Kathy**, M.Sc., 'Delineating the Geometry of the Central Metasedimentary Belt Boundary Zone of the Grenville Province: ND Isotope Evidence of a Failed Back-Arc Rift Zone Between Minden and Bancroft ON'.

**Moriarty, Erin**, MA., [Exploring the Local Area Planning Process and Its' Impacts on Resident's Perceptions of Quality of Life: The Case of the Pleasant Hill Neighbourhood in Saskatoon, Saskatchewan, Canada](#)"

**Slavinski, Heather**, M.Sc., "The Integration of Geophysical, Lithological and Remote Sensing Data for Geological Mapping"

**Kelly Woltman**, MA., "Primary and Preventive Health Care Utilization among Immigrant and Native-born Women in Canada"

## 2006

**Bertram, Aaron**, M.Sc., "Coastal geomorphology, Playa Guiones, Guanacaste Province, Costa Rica"

**Blair, Rose**, M.Sc., "Meteorology and NO<sub>2</sub> Variations In The Toronto-Hamilton area"

**Cagampan, Jason**, M.Sc., "An anacrotelm transplant experiment on a cutover peatland - effects on moisture dynamics and CO<sub>2</sub> exchange"

**He, Sylvia**, MA., "Modeling Destination Choice for Shopping using a GIS-based Spatio-temporal Framework: an Investigation of Choice Set Generation and Scale Effects"

**Kennedy-Bacchus, Corrie**, M.Sc., "Reactive metal transport in Idaho National Laboratory (INL) vadose sediments"

**Long, Fei**, MA., "[Modeling Spatial Variations in Housing Prices - An Investigation of the Individual and Joint Effects of Spatial Autocorrelation and Spatial Heterogeneity](#)"

**Ma, Xiomeng**, MA., "Effects on Ethnicity and Language Acculturation on Interprovincial Migration Propensities"

**Mielko, Corrie**, M.Sc., "Runoff processes of a sub-Arctic Canadian Shield lake stream system"

**Nelson, Tara**, M.Sc., "Metal Dynamics in Hamilton Harbour "

**Sonnenburg, Elizabeth**, M.Sc., "Paleoenvironmental reconstruction of submerged landscapes in Colonel By Lake, Ontario using geoarchaeological and geophysical techniques"

**Sousa , Jessica** MA., "Residential reappraisal of a landfill: a case study in Stoney Creek, Ontario"

## 2005

**Butcher, Stephanie** MA., "[She Wants To Be Like Everybody Else, Out Working](#)". [Young Adults With Intellectual Disabilities Transitioning To Employment](#)

**Greenwood, Melissa** M.Sc., "[The effect of restoration on CO2 exchange in a cutover wetland](#)"

**MacCormack, Kelsey** M.Sc., "3-D modelling of Quaternary sediments, Dundas Valley"

**Moreau, Genevieve** MA., "It's Not Probabilities, It's Possibilities - Lay Views of Disclosure Regarding Emerging Health Issues"

**Peichl, Mattias** M.Sc., "Biomass and carbon allocation in a chronosequence of white pine (*Pinus strobus* L.) plantations in southern Ontario"

**Pouliou, Dora** MA., "[Air pollution and respiratory health: re-analysis of the Hamilton Childrens cohort study](#)'

**Schuer, Stephanie** MA., "They just want the best person, the most normal person": Comparing women with disabilities and employers perspectives on service work

**Terlaky, Viktor** M.Sc., "Mapping of Surface Sediments in Owen Sound and Colpoys Bay"

## 2004

**Chambers, Alexandra**, MA., A Comparison of the Predictors of Heart Health Among Immigrants and Native-Born Canadians.

**Clarke, Christina**, M.Sc., Sediment Magnetic Record of Post-Colonial Environmental Change in Frenchmen's Bay, Lake Ontario

**Collins, Shawn**, M.Sc., Lithologic Typing Of quaternary Sediments Using Spectral Gamma Attributes and Multi-parameter borehole logging

**Deluca, Pat**, MA., Spatial Analysis of Selected Reproductive Health Outcomes of Women Living in the Vicinity of the Sydney Tar Ponds, Sydney, NS.

**Felice, John**, MA., The Healthy or Chronically Ill Immigrant: A Longitudinal Comparative Analysis of Mental health, Chronic Condition, and Age Effect Characteristics - Utilizing the National Population Health Survey

**Hay, Alison**, MA., Housing Policy in Colonial Kenya: A Study of Three Provincial Towns, 1928 - 1953.

**Jama, Sophie**, MA., Towards an Understanding of Neighborhood and Individual Level Barriers to Lifestyle Change in Hamilton, ON.

**Myroslava, Khomik, MA.**, Soil Co<sub>2</sub> Efflux From Temperate And Boreal Forrest in Ontario

**Mills, Ryan, M.Sc.**, The Long-term Fate and Migration of DDT in Soil and Groundwater at Point Pelee National Park, Canada

**Mironov, Marina, M.Sc.**, A Field and Modeling Study of DDT in Soil and Groundwater Following In-Situ Soil Remediation.

**Poetz, Anneliese, MA.**, Neighbourhood Determinants Of Health in Hamilton, Canada

**Thompson, Vicki, M.Sc.**, Integrating Aeromagnetics, Remote Sensing, And Magnetic Modeling To Understand 3D Geologic Structure - Applications To Mineral Exploration

**Thorne, Robin, M.Sc.**, Simulating Streamflow of a Large Mountainous Catchment Using Different Sets of Climatic Data

## 2003

**Amores, Roderick M.Sc.**, Characterizing Manganese Oxhydroxide in an Acid Mine Drainage Environment: Provenance and Metal Retention

**Badley, Joanne MSc.**, Remediation of DDT Contaminated Soil: A Field Study

**Day, Sarah M.Sc.**, Restoration and CH<sub>4</sub> Dynamics in a Cutover Peatland

**Forrest, Beth MSc.**, [Application of Luminescence Techniques to Coastal Studies at the St. Joseph Peninsula, Gulf country, Florida](#)

**Koybayshi, Laura M.Sc.**, Gas Hydrate Vent Foraminiferal Distributions From The Northern Cascadia Margin

**Mercier, Michael MA .**, [The Social Geography of Childhood Mortality in Toronto, Ontario, 1901: Patterns and Determinants](#)

**Richmond, Chantelle, M.A.**, The Political Ecology of Health: Perception of Environment, Economy and Health Among "Namgis First Nation (Alert Bay, British Columbia

**Ward-Paige, Christine, M.Sc.**, Extent and History of Nutrient Loading in the Florida Keys

**Wilson, Dana, M.A.**, Ecosystem And Human Health Relationships in Chennai: Perceptions of Lay Stakeholders in an Indian City

## 2002

**Bullen, Amanda, MA.**, [The Expansion of Housing Policy in the British West Indies, 1935-1960](#)

**Tara Burra, MA.**, Reproductive and Psychosocial Health of Women Living in the Vicinity of the Tar Ponds, Sydney, NS

**Chomicki, Krista M.Sc.**, The Paleoevolution of the Ancient Reservoir of Caesarea

**Haalboom, Bethany MA.** Health Concerns of Residents Living Near the Tar Ponds in Sydney, Nova Scotia

**Herrell, Michael**, M.Sc., The Evolution of the Grenville Province in the Mattawa Region of Ontario: Evidence from Neodymium and Constraints from Aeromagnetic Data

**Kaufman, Steve**, M.Sc. Spatioemporal Variability in Hydrological Flowpaths in a Forested Swamp.

**Maclachlan, John**, MA., Mapping Health on the Internet

**Marenco, Nadia**, M.Sc., The Effect of Subsurface Hydrology on DDT Degradation in Soils at Point Pelee National Park, Ontario, Canada

**Markham, Brad**, M.Sc) Quantifying the Transient Nature of Surfactant Induced saturated Flow Through Porous Media: Horizontal Column Experiments and Preliminary 1-D Numerical Simulations.

**Mifflin, Erin**, MA., The Precariously Housed: An Analysis of Rooming House Experiences in Hamilton, Ontario

**Oswald, Claire**, M.Sc., Thermal and Energy Characteristics of Subarctic Lakes

**Pozza, Matt**, M.Sc., High-Resolution Marine Magnetic Surveying: Applications to Environmental and Geological Problems

**Sherwood, Owen**, M.Sc., The Deep-Sea Gorgonian Coral *Primnoa Resedaeformis* As An Oceanographic Monitor

**Toth, Karola**, M.Sc., Dissolved Organic Carbon Dynamics in a Cutover and Restored Peatland.

**Weisz, Kirsten**, M.Sc., An Interannual Study of Controls on Energy Balance Partitioning at a Subarctic Sedge Fen and the Implications for Climate Change

**Worth, Devon**, M.Sc. The Reflection and Attenuation of Light in Subarctic Lakes

## 2001

**Collins, Alison** M.Sc., An Analysis of Landfill Leachate Impacts to Vegetation Near The Beare Road Landfill Facility in Metropolitan Toronto

**Crooks, Valorie** MA., [Workplace Experience and Policy suggestions of Disabled Woman](#)

**Hume Marlene Verna** Clarice MA Curriculum Designed for Understanding

**Jones, Heather** M.Sc., Electron Spin Resonance Dating of Tooth Enamel at Three Palaeolithic Archaeological Sites

**Markham, Kristi** M.Sc., Methods for Producing Digital Terrain Elevation Models: Analysis, Comparison and Integration with Geophysical Data

**McNeil, Philippa** M.Sc., Limits to Sphagnum Growth In An Abandoned Mined Peatland

**Meyers, Patty** M.Sc., Nature and Origin of Sediments Infilling Buried Bedrock Valleys Adjacent to the Niagara Escarpment Southern Ontario Canada

**Chantel Nixon**, M.Sc., Foraminifera and Tidal Notches: Dating Neotectonic Events at Korpos, Greece

**Robert North**, M.Sc., Information not Available

**Qi Mingzhu**, MA. [Elderly Migration in Canada](#)

**Toth, Anita** MA., Historical and Present-Day Tuberculosis in Hamilton, Ontario: A Public Health Focus.

**Lei (Sunny) Xu**, MA., Initial Destination Choices and Post-Immigration Relocations of the Immigrants in Canada

## 2000

**Crighton, Eric J.** [MA., Psychosocial Impacts of an Environmental Disaster in Karakalpakstan \(Uzbekistan\)](#)

**Fekete, Danielle Paula** M.Sc., An Investigation of Stable Carbon and Nitrogen Isotope Analysis Throughout the Life of Small Mouth Bass: Implications on Trophic Level Studies

**Giles, Ceinwen**, MA., Housing Policy in the Developing World: Thailand Resists UN Recommendations, 1945-1996.

**Leenders, Erica E.**, M.Sc., Hydrology of the Transition Zone Between Subalpine Shrubland and Open Woodland in the Subarctic

**Taylor, Brett** M.A., The Relative Contribution of Trucks to Emissions in Hamilton

**Townsend, Kaya**, MA., Local Participation, and the Structures of Political and Bureaucratic Water Management in Tijuana, Mexico

**Warren, Fiona**, M.Sc., Hydrology and Sulphate Dynamics of a Wetland.

## 1999

**Arnold, Emmy** MA., A Case Study of Public Participation in Environmental Risk Management: the Community Advisory Committee to Petro Canada

**Beddows, Patricia**, M.Sc., Dynamic Hydrogeology of the Caribbean Yucatan Coast.

**Eaton Andrea K.**, M.Sc, Energy Balance and Climate Change in the Western and Central Canadian Subarctic

**Edgecombe, Roger, Blake**, M.Sc., Bedrock Topography and Sedimentary Infill of the Dundas Valley, Hamilton, Ontario

**Giesbrecht, Mark**, MA., Snowmelt Modelling and Scaling Issues in a Subarctic Forested Environment.

Kieth, Donald, MSc., [Sedimentology of the Cardium Formation \(Upper Cretaceous\), Willesden Green Field, Alberta](#)

**Maoh, Hanna**, M.Sc., Developing an Employment Location Model for the Hamilton Census Metropolitan Area (CMA).

**Sunday, Julie**, MA., Aboriginal and biomedical perceptions of Non-Insulin Dependent Diabetes Mellitus (NIDDM) on Manitoulin Island.

**Wahba, Mark**, MA, The Geography of Low-Income Settlement and Housing Market Processes in Post-War Cairo

**Warner, Kevin**, M.Sc., Net Ecosystem CO<sub>2</sub> Exchange in Natural, Cutover and Partly Restored Peatlands.

## 1998

**Bishop, Elaine**, M.Sc., [A Palaeobiological Approach to Two Cretaceous Incised Valley-fills, Alberta Basin \(Dunvegan and Viking Alloformations\).](#)

**Bodurtha, Paul**, M.Sc., The Remediation of Acid-Mine Drainage Using Steelmaking Slag.

**Browne, David**, M.Sc., Heavy Metal Pollution in Air, Sediment and Marine Biota of Coastal Central Java, Indonesia.

**Clougherty, Jane**, M.Sc., Diurnal Patterns in Air Pollution and Respiratory Health Implications.

**Darovny, Mark**, MA., [An Analysis of Residential Development in Hamilton-Wentworth 1980 to 1994](#)

**O'Hagan, Sean**, MA., [Canadian Foreign Direct Investment in the United States: A discrete choice analysis approach.](#)

**Peters, Andrew**, MA., [Counterurbanization in the Greater Toronto Area.](#)

**Petrone, Richard**, M.Sc. Surface and Synoptic Controls on the Energy and Water Balance in the Western and Central Subarctic Regions of Canada.

**Shulist, Tricia**, MA., ["My Piddly Little House and All This Land" - The Veteran's Land Act in Canada and the Hamilton-Wentworth Region.](#)

**Wakefield, Sarah**, MA., [Psychosocial Impacts of the Landfill Siting Process in Two Southern Ontario Communities.](#)

**Yarish, Michael**, MA. [Intrametropolitan Location of New Office Firms in Metropolitan Toronto.](#)

## 1997

**Bohay, T.J.**, M.Sc., The Coldwell Alkaline Complex, Ontario: Magmatic Affinity as determined by an Isotopic and Geochemical Study.

**Buliung, Ronald**, MA., The Commute to Work in the Greater Toronto Area.

**Burton, J.A.**, M.Sc Sedimentology, Ichnology and High-Resolution Allostratigraphy of the Lower Cretaceous Viking Formation, Central Alberta, Canada.

**Buzzelli, Mike D.** MA [Toronto's Postwar Little Italy: An Urban Ethnic Landscape Study](#)

**Epp, M.S.** M.Sc., Geology, Petrology and Geochemistry of the Potterdoal Cu-Zn Deposit Kidd-Munro Assemblage, Munro Township, Ontario.

**Leng David Michael**, M.Sc., Mineralogical and Geochemical Study of an Unusual Clinopyroxene Spinifex Zone, Boston Creek Flow, Boston Township, Ontario

**Malis, Craig**, M.Sc., Littoral Karren along the western shore of Newfoundland.

**Miron, Marnie Elizabeth**, M.Sc., Geophysical Analysis of Carr Township, Ontario

**Pearson, Rochele**, M.Sc. Well Log Associations and Stratigraphy of the Late Albian Viking Formation in Central Alberta, Canada

**Robinson, Kerry** MA The Role of Community Development in Heart Health Promotion in Ontario.

**Tasev, Tanya Juliana**, M.Sc. Analyses of Carbon and Nitrogen Stable Isotopes in Bottlenose Dolphins (*Tursiops truncatus*) and Finless Porpoises (*Neophocaena phocaenoides*) of Taiwan

**White, Tecia**, M.Sc. Hydrogeological and Hydrological Analysis of a Small Watershed in Southern Ontario

**Yang, Q.**, M.Sc. Experimental Determination of Beta Attenuation in Tooth Enamel Layers and its Implication in ESR Dating.

**Zanon, Janice**, MA. [Transformation of Space and Place through Homework: The Experiences of Female Home-Based Workers.](#)

## 1996

**Boerboom, Chris**, M.Sc. Bioerosion and Micritization in the Deep Sea: A Look at the Coral *Desmophyllum cristagalli*

**Carey, Sean**, M.Sc. The effect of organic terrain and surface modification on active layer development.

**Casas, J.E.**, M.Sc. Sedimentology, facies associations and sequence stratigraphy of Falher Divisions C and D, Lower Cretaceous Spirit Fm., West-Central Alberta, Canada.

**Curtis, Tim**, M.Sc. Optical depth of overcast cloud in Canada inferred from surface and satellite measurements.

**Fair Anastasia**, M.Sc. Petrological and Magnetic Fabric in the South Region of the Killarney Igneous Complex

**Hunter, Victoria**, M.Sc. Possible Basement Influence on Cretaceous Cardium Sand Body Orientations in the Garrington Area, Alberta Basin

**James, Jennie**, MA., Perceiving health and the environment: connections, conceptions and cognition.

**Kuhn, Penny**, M.Sc., Further testing of an Ultraviolet-B irradiance model and the light problem.

**Limmon, G.V.**, M.Sc. An Assessment of Coral Reefs in Ambon, Indonesia.



**Parker, Danielle**, M.Sc. The Search for Episodic Remobilization of Basement Faults as a Controlling Mechanism on the Location and Trend of the Joffre and Fenn Linear Cretaceous Sand Bodies

**Pisarcic, Michael**, M.Sc. The late-Quaternary vegetation history of the Lower Lena river region, Siberia.

**Sekine Cheryl A.**, M.Sc. The Equatorial Pacific Carbon Model

**Terzuoli, A.**, M.Sc., Sedimentology and ichnology of estuarine channels in the Lower Cretaceous Bluesky Formation: The Edson Gas Reservoir, West-Central Alberta, Canada.

**Toth, Veronica**, M.Sc. Spatial and temporal variations in the dissolved organic carbon concentrations in vadose karst waters of a modern cave.

**Treutlein, J.E.**, M.Sc. Palynology and Stable Isotopes: Documenting the History of Pollution input into Hamilton Harbour.

**Wilson, Kathi**, MA., Physician utilization in Quebec 1987 and 1992-93; the impact of regionalization in a cost-constrained climate.

**Wilson, Kelly**, MA., Perceptions of the Petro Canada Refinery, Oakville, Ontario: perspectives of residents, key informants and the media.

## 1995

**Artan, M.A.**, M.Sc. Lead systematics of the Sudbury nickel ores, Sudbury, Ontario, Canada.

**Duhamel, Giselle**, M.Sc. Modelling UV-B irradiance under cloudless skies.

**Dunn, J.J.**, M.Sc. Applications of nitrogen isotopes and other tracers of anthropogenic input to modern reefs.

**Emili, Lisa**, M.Sc. Agricultural pollution potential in the Muddy Creek Watershed Lake Erie Drainage Basin, southern Ontario.

**Fridriksdottir, S.**, M.Sc., Copper uptake of modified peat moss.

**Gillman, Peter Ellis**, MSc., Regional Geophysical Study Utilising Gravity to Investigate the Dundas Buried Valley

**Hamilton, Kate**, M.Sc., Comparisons of Mutagenicity and Magnetic Susceptibility for Respirable Airborne Particulate at Highway 404

**Malcolmson, Sarah**, M.Sc., Silver Substitution into Common Metal Sulphides from Cobalt, Ontario

**Martin, C.**, M.Sc., Nd isotopic mapping of the Central Grenville Province in the Lac St. Jean Region, Quebec.

**McIntosh, Lorraine**, M.Sc., The Sedimentology and Stratigraphy of the Lower Cretaceous (Albian) Viking Formation, Joffre/Mikwan Fields

**Moulton, Doug**, M.Sc., The determination of narrowband surface albedo from AVHRR radiances over a snow covered prairie.

**Naiekh, Natalie**, Information Not Available

**Parker, Claire Eileen**, M.Sc., Borehole Magnetics: An in Depth Study of Three Boreholes from Vermillion Lake, Sudbury

**Randall, Todd**, M.Sc., Rain out and resedimentation in a glaciolacustrine environment.

**Schreader, Cheryl Patrica**, M.Sc., [Summertime Carbon Dioxide Exchange Over a Subarctic Sedge Wetland](#)

**Schwartz, T.C.**, M.Sc., Petrology and geochemistry of felsic volcanoclastic rocks along the Sherman Mine Road, Temagami Greenstone Belt, Strathy Township, Ontario.

**Shipley, Brian**, M.Sc., Establishing a Record of Sewage Pollution: Stable Isotopes in the Organic Sediments of Hamilton and Halifax Harbours