

LYNN FRANCES SHORT

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EDUCATION

- Indigenous Knowledge Certificate [including courses; IKN100 Original People, Culture, Knowledge and Worldview, IKN101 Indigenous Cultural Values, Behaviour and Identity, IKN200 Indigenous Family and Community, IKN201 Encounter, Change, Resistance and Renewal], Humber College (November 2015)
- Additional Qualifications Reading Part I (2001), OISE/UT
- Bachelor of Education Studies, Faculty of Education, University of Toronto, Junior/Intermediate Science-General (April 1993), Intermediate Mathematics (August 1993)
- Post-graduate Studies, Master of Science program, Department of Medical Biophysics, Ontario Cancer Institute, Princess Margaret Hospital, University of Toronto (1978)
- Bachelor of Science (Honours), Biology and Chemistry (Double Major Programme), Faculty of Science, University of Waterloo (1977)

EMPLOYMENT

- Part-time Environmental Stewardship Coordinator, Invasive Plant Control and Native Plant Restoration (Learning by Leading Program), Humber Arboretum (March 2019 to present)
- Part-time Indigenous Education Specialist, Land and Culture Based Programs, Indigenous Education and Engagement (formerly Aboriginal Resource Centre) (Fall 2015 to present)
- Part-time Professor at the Faculty of Applied Science and Technology in Horticulture at Humber College (Winter 2011 to present) teaching Trade Calculations, Plant Health Care, Sustainable Horticulture Practices, Turf Management 1 and Workplace Communications in Diploma, Dual Credit, Pre-Apprenticeship (including at the Vanier Centre for Women) and Apprenticeship Programs
- Assistant Professor at School of Liberal Arts for courses IKN100, IKN101, IKN200 and IKN201 (Fall 2015 to Winter 2019)
- Horticulture Technician responsible for assisting with the delivery of outdoor training for Horticulture students in Diploma, Dual Credit and Pre-Apprenticeship courses at Humber College (Fall 2011)
- Senior Nature Interpreter responsible for developing and delivering programs to school groups and day camp visitors, Centre for Urban Ecology, Humber College (September 2005 – June 2011)

- Part-time Nature Interpreter for City of Toronto, Parks, Forestry and Recreation, Day Camps at Humber wood Downs, Hollycrest and Claireville (Summers 2002 to 2016)
- Grade 7 Homeroom Teacher; Grade 7 Science Teacher; and Outdoor Environmental Programs Teacher working on a daily basis to support teachers and their students in grades 1 through 5 designing and delivering outdoor programs (based on the school site's adjacency to the Humber River valley lands and the Humber Arboretum) to complement their in-class curriculum studies; TDSB, Humberwood Downs Junior Middle Academy (September 1997 - August 2005)
- Grade 4 Homeroom Teacher, Etobicoke Board of Education, Humberwood Downs Junior Middle Academy (September 1995 - August 1997)
- Grade 7 Homeroom Teacher, Etobicoke Board of Education, Elmbank Middle School (September 1994 - June 1995)
- Grade 4/5 Teacher, Sherwood Heights Private School, Mississauga, (1993 - 1994)
- Naturalist/Interpreter responsible for developing and/or delivering programs to adults and children (including the Maple Syrup interpretative program, Wild Flower Walk, Frog Watchers, Bat Night, Pond and Stream Studies, and Christmas and Nature), Mountsberg Wildlife Centre, Halton Region Conservation Authority, (part-time 1992 – 2004)

REPRESENTATIVE PROFESSIONAL DEVELOPMENT ACTIVITY

- Co-Lead on Outdoor Play Strategy Initiative: Two-Eyed Land-Based Play and Co-Learning Course for Early Childhood Education
- Co-developed Invasive Plant Control strategy for Humber Arboretum (fall 2020)
- Partnered with Parks, Recreation and Forestry, City of Toronto and EcoSpark to conduct Citizen Science Program of Controlling and Monitoring Phragmites in 5 City Parks (summer 2018 to fall 2019)
- Delivered Phragmites workshops to the TRCA Program, Girls Can Too (summer 2018 to 2020)
- Conducted research on Phragmites control at the Humber Arboretum, Humber College and at Wymbolwood Beach, Tiny Township (summer 2016 to fall 2019)
- Delivered presentations on Phragmites control in Toronto, Port Elgin, Kincardine, Lake Eugenia, Wasaga Beach, Eagle Lake and Tiny Township (summer 2016 to present)
- Delivered presentations on Phragmites control in Toronto, St. Williams and Tiny Township (summer 2015)
- Delivered presentations to Dufferin Garden Centre on Good Bugs, Bad Bugs; Attracting Birds to your Garden and Pet Safe Backyards (spring 2013 to fall 2014)
- Member of Ontario EcoCentres Certification Guide Steering Committee (2010–2011)
- Member of Sustainable Sites Pilot Project for the Humber Arboretum (2010–

2011)

- Developed new curriculum based programs for several of the programs delivered to elementary, secondary and college students for the Centre for Urban Ecology (representative programs include Maple Syrup Harvesting, Growth and Changes in Plants, Conservation of Energy, Rocks and Minerals, Our Sustainable Building, Human Interactions with the Environment), (2005-2011)
- Presenter at STAO (Science Teachers Association of Ontario) conference, Climate Change in Context – Practical Laboratory Activities (November 2008)
- Co-wrote the Planting for Change Manual for ACER's (Association of Canadian Educational Resources) new schoolyard planting project (2008)
- Co-developed curriculum based units on Aquatic Ecosystems, Terrestrial Ecosystems and Ecozone Investigations for secondary school students visiting the Centre for Urban Ecology (2007)
- Presented workshops related to ACER's Do Local protocol to teacher candidates at York University and Peel School Board teachers at the Peel Environmental Network (winter 2006)
- Developed a Grade 5 science unit, Conservation of Energy for the Environmental Education Department, Toronto District School Board (TDSB), featuring a field trip to the Toronto Wind Turbine Site at the waterfront (summer 2005)
- presented workshops for each of three different curriculum based outdoor activities for Grades 3, 4, & 5 at Ontario Society for Environmental Education Conferences in May 2002 and May 2003 which were also published in Interactions (OSEE Journal) Fall 2003, Grade 4, Rocks, Minerals and Erosion, December 2003, Grade 3, Stability, and April 2005, Conservation of Energy
- part of the Planning Team and Presenter for the Outdoor Education and Environmental Education Departments' Summer Institute focussing on Ecosystem Thinking held at Mono Cliffs (August 2001)
- edited and rewrote the Grade 6 Science and Technology unit (Diversity of Living Things) for the TDSB (2000)
- co-authored Grade 3 Science and Technology unit, Magnetic and Charged Materials, for the TDSB (1999)
- authored Grade 6 Science and Technology unit (Properties of Air and Characteristics of Flight) for the TDSB (former Etobicoke), and delivered requisite teacher workshops throughout the TDSB (1998)

ADDITIONAL INFORMATION

- Volunteer coordinator of Invasive Plant Removal Project at Wymbolwood Beach, Tiny Township working with teenagers (summers 2011 – 2016)
- Member of the Ontario Phragmites Working Group (2013 to present)
- Member of the Humber Watershed Alliance, Toronto & Region Conservation Authority (September 2001 – 2015)
- TD Friends of the Environment Fund Advisory Board Member (2003 – 2013)
- Vice Chair, Communications and Outreach Subcommittee, Humber Watershed

Alliance (2001- 2003)

- Classroom Consultant for Addison Wesley Longman Publishers, responsible for reviewing and editing text material and teacher manuals being developed for the Grade 7 & 8 Science and Technology Curriculum (1998 to 2000)
- organized and directed the students' Earth Day Clean-Up of School property and adjoining Humber Arboretum lands in collaboration with Humber Arboretum Staff (1999 - 2005)
- coordinated Humberwood's participation in TRCA's Aquatic Plants Programme (1995-2004)
- featured teacher in A Breath of Fresh Air, Celebrating Nature and School Gardens, by Elise Houghton, The Learnxs Foundation & Sumach Press, 2003, ISBN No. 0-920020-61-5

