

# Comparison of Canadian and American Graduate Evaluation Education Programs

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M. Theresa Hunter and James C. McDavid

University of Victoria

**Abstract:** *University education in evaluation is an important support for the professionalization of the field. Using internet sources and direct contacts with 105 Canadian university departments, our study develops a Canada-wide inventory of graduate courses and programs, with emphasis on evaluation. Comparisons are made with inventories of American graduate evaluation programs undertaken between 1980 and 2018. Although Canada has about half as many multi-course graduate programs in evaluation as were found in the United States in 2018, the relative number of Canadian programs is disproportionately greater, considering the two countries' population sizes. Canada also has a more diverse range of disciplines offering evaluation education programs.*

**Keywords:** *Canada–US comparisons, evaluation education, inventory, professionalization*

**Résumé :** *La formation universitaire en évaluation contribue significativement à sa professionnalisation. La présente étude visait à développer un inventaire pan-canadien des programmes et des cours en l'évaluation, et ce, aux cycles supérieurs. La collecte de données a permis de rejoindre 105 départements universitaires en ayant recours aux informations disponibles sur les sites internet ou en contactant des personnes-ressources. Des comparaisons ont été effectuées avec les recensements des programmes d'évaluation américains aux cycles supérieurs entre 1980 et 2018. Bien que le Canada compte environ deux fois moins de programmes aux cycles supérieurs offrant plusieurs cours en évaluation comparativement aux États-Unis en 2018, le nombre relatif de ses programmes est beaucoup plus élevé si nous tenons compte de la taille des deux populations. De plus, le Canada possède également un éventail plus diversifié de disciplines offrant une formation en évaluation de programme.*

**Mots clé :** *comparaisons Canada – États-Unis, formation en évaluation, inventaire, professionnalisation*

## BACKGROUND

The evaluation field has grown significantly since the 1950s and 1960s, when it was first recognized as a distinct field (Worthen, 1990). Supports for the professionalization

**Corresponding author:** M. Theresa Hunter, School of Public Administration, University of Victoria, PO Box 1700 STN CSC, Victoria, BC V8W 2Y2; [thunter@uvic.ca](mailto:thunter@uvic.ca)

of evaluation practice have included a growing number of professional associations (LaVelle & Donaldson, 2015), codes of ethics and program evaluation standards (Yarbrough, Shulha, Hopson, & Caruthers, 2011), dedicated journals, listservs (such as the one hosted by the American Evaluation Association [AEA EvalTalk since 1995]), pre-service and in-service training (both credit and non-credit), as well as regional, national, and international conferences. University graduate education in evaluation is one type of support for the professionalization of the field. Inventories of evaluation courses and programs have been undertaken periodically to track the number of evaluation education programs in the United States and internationally (Altschuld, Engle, Cullen, Kim, & Macce, 1994; Conner, Clay, & Hill, 1980; Engle, Altschuld, & Kim, 2006; LaVelle & Donaldson, 2010; May, Fleischer, Scheirer, & Cox, 1986; Stockmann & Meyer, 2016). A preliminary inventory of graduate evaluation courses and programs offered in Canada was conducted by Devine and McDavid in 2009, on behalf of the Consortium of Universities for Evaluation Education (CUEE).

The main purpose of the current study was to identify graduate courses and programs with emphasis on program evaluation offered at universities across Canada. Research questions included the following: how does the Canadian landscape of evaluation education compare with similar inventories of programs in the United States? The full 2018 Inventory of Canadian Graduate Evaluation Education courses and programs is a rich resource for CUEE members, the Canadian Evaluation Society (CES), and others who share an interest in graduate evaluation education. This inventory also provides a baseline for future studies and ongoing monitoring of trends in Canadian evaluation education.

Supports for the professionalization of evaluation in Canada have grown a great deal over the years. Since 1981, CES has grown substantially in its membership and support activities toward the professionalization of evaluation in Canada (CES, n.d.b). CES has held annual conferences since 1980, began publishing *The Canadian Journal of Program Evaluation* in 1986, and has developed and updated professional standards and code of ethics. CES has offered in-service Essential Skills Series since 1999 and continues to update this program and aims to develop more advanced levels of training. CES has offered online webinars since 2012 and created the e-Institute in 2016, to augment online learning opportunities for its members.

A unique feature of the professionalization of evaluation in Canada is the Credentialed Evaluator (CE) designation, established by CES in 2009. The CE designation formally acknowledges professional evaluators' competency in knowledge, skills, experience, commitment, and ongoing learning (CES, n.d.a). A graduate level degree or certificate is a requirement to obtain the CE designation, and curricula that emphasize program evaluation are very desirable (CES, 2010).

In 2008, university partners, in collaboration with CES and the federal government, established the Consortium of Universities for Evaluation Education (CUEE) with the aim of building capacity and expanding opportunities for graduate-level education and training in evaluation across Canada (CUEE, n.d.).

For the past ten years, CUEE has maintained a membership of approximately a dozen universities, representing a diverse range of graduate programs that deliver courses in evaluation in various disciplines, including psychology, education, public administration, and medicine. A growing number of CUEE members offer graduate certificate and diploma credentials in evaluation. These intensive programs help graduates satisfy the requirement for education and training to qualify for the CE designation. While a number of graduate programs offer students the opportunity to specialize in evaluation within their courses of study, opportunities to complete a graduate degree in evaluation are very limited in Canada.

## **INVENTORIES OF UNIVERSITY-BASED EVALUATION EDUCATION PROGRAMS IN THE UNITED STATES**

Periodic studies of university-based evaluation education programs have been undertaken in the United States over the past 40 years (Altschuld et al., 1994; Conner et al., 1980; Engle et al., 2006; LaVelle, 2018; LaVelle & Donaldson, 2010; May et al., 1986). American researchers built upon one another's studies to track the evolution of university-based programs in evaluation at different points in time. Early studies used survey methods to collect data about evaluation courses and education programs, whereas, in later years, the Internet became an important tool in gathering information (e.g., Engle et al., 2006; LaVelle & Donaldson, 2010; LaVelle, 2014, 2018).

American researchers defined a “program” of study in evaluation as “multiple courses, seminars, practicums, offerings, and so on designed to teach evaluation principles and concepts” (Altschuld et al., 1994, p. 72). This definition of “program” was further refined by Engle et al. (2006) and LaVelle and Donaldson (2010) to include university departmental units that offered graduate degree programs with two or more courses with a major emphasis on evaluation. Altschuld et al. (1994) used various methods to construct their initial sampling frame of potential academic programs in evaluation, such as examining lists of programs identified in earlier studies and consulting with representatives of professional associations, including AEA, CES, and the American Sociological Association (ASA). They then conducted a survey to gather detailed information about university graduate evaluation programs in the United States, Canada, and Australia. With an 83% response rate, 49 programs of study were confirmed, including 38 in the United States and 11 in Canada and Australia. These researchers confirmed fewer programs in 1993 in the United States (38) compared with the 44 identified in an earlier study by May et al. (1986), and more in Canada and Australia (11 vs. two in 1986, including nine Canadian universities, one Government of Canada, and one in Australia). Most university evaluation education programs (76%) offered both doctoral and master's degrees, while others (14%) offered a master's degree only. Altschuld et al. (1994) also identified changes in the disciplinary location of evaluation education programs, confirming 67% of programs in the disciplines of education, educational psychology, or psychology, compared

with 85% of programs in these disciplines in 1986. Using the number of courses offered as a proxy for program size, [Altschuld et al. \(1994\)](#) identified 15 (30.6%) small (2–3 courses), 13 (26.5%) medium-sized (4–6 courses), and 21 (42.9%) large (7+ courses) programs.

In a more recent study, [Engle et al. \(2006\)](#) used both a survey and online searches between 2000 and 2002 to gather information about programs of study in evaluation. They sent 84 surveys to candidate programs for which they had contact information (63 US; 23 international), requesting details regarding degrees offered, number of students and their demographics, program FTEs, course descriptions, program goals, areas of specialization, inclusion of evaluation standards, practical experience, and so on. Thirty-eight surveys were returned (45% response rate); however, Engle et al. confirmed just 29 graduate programs in evaluation (24 in the US and five internationally), representing a 41% decline compared with the earlier study ([Altschuld et al., 1994](#)). Among these findings were more small programs (19; 65.5%), fewer medium-sized programs (9; 31.0%), and far fewer large programs (1; 3.4%) than identified in the 1993 survey.

[LaVelle and Donaldson \(2010\)](#) undertook internet searches in 2008 to investigate whether the number of graduate evaluation education programs in the United States was actually in decline. They used a modified definition of “program” to identify university graduate evaluation courses and programs that offered “two or more courses with the word ‘evaluation’ in the course title” (p. 14). The researchers then gathered detailed information regarding a sample of 120 candidate graduate evaluation programs, including the following: disciplines, types of degrees, and the nature of courses. The searches focused on degree programs only and did not include certificate programs: “the search was linked to pages that contain both a degree (MA or MS or PhD) and the term ‘program evaluation’” (p. 13).

Through this search, [LaVelle and Donaldson \(2010\)](#) confirmed 48 programs of study that fit their criteria. Over half (25) of the “sites” offered specialization in evaluation at both the master’s and doctoral levels, while 12 offered specialization only in the master’s degree and 16 in the doctoral degree only. Their findings of 48 programs represented 26% more programs than the 38 identified by [Altschuld et al. \(1994\)](#), and 65.5% more programs than the 29 identified by [Engle et al. \(2006\)](#). [LaVelle and Donaldson \(2010\)](#) determined that 29 programs (60.4%) were located in schools of education, seven (14.5%) in educational psychology, five (10.5%) in psychology, four in public policy (8.3%), and one (2%) in each of criminal justice, applied sociology, and interdisciplinary studies. This finding indicated that 85.4% of programs were located in schools of education, educational psychology, and psychology and was consistent with earlier findings by [May et al. \(1986\)](#), but not [Altschuld et al. \(1994\)](#) or [Engle et al. \(2006\)](#), who respectively found 67% and 62.1% of programs located in these three disciplines. With regard to the size of the 48 programs identified by [LaVelle and Donaldson \(2010\)](#), 31 were small (2–3 courses), 14 were medium-sized (4–6 courses), and three were large (7+ courses) programs. [LaVelle and Donaldson \(2010\)](#) noted that they identified

almost twice as many medium- to large-sized programs and twice as many small-sized programs than Engle et al. (2006). However, the proportion of programs was more in keeping with Engle et al. (2006) than with Altschuld et al. (1994), who found more large programs (42.9% of their sample) and far fewer small programs (30.6% of their sample).

An apparent limitation of LaVelle and Donaldson's (2010) methodology was focusing their online search on courses with "evaluation" in the title, thus eliminating other courses that may have emphasized evaluation in the content but did not contain the word itself in their titles. In previous studies, Altschuld et al. (1994) found that just over half of the 38 programs (not courses) had "evaluation" in the title, while Engle et al. (2006) indicated that 69% of the 29 programs they identified used that word in the program titles.

In his dissertation, LaVelle (2014) used the same internet search methodology as he and Donaldson (2010) had used in their earlier study to identify graduate evaluation education programs in the United States. In addition, he analyzed the extent to which curricula were meeting job demands. LaVelle (2014) identified 87 postsecondary institution "sites" in the United States offering graduate evaluation programs with two or more courses with "evaluation" in their titles, including 55 master's degrees, 44 doctoral degrees, four specialist degrees, and 36 graduate certificate programs.

LaVelle's (2014) finding of 87 "sites" in the United States offering an estimated 139 evaluation education programs appears to represent 91 more programs in the United States than the 48 identified by LaVelle & Donaldson in 2010 (almost three times as many). In his study, LaVelle (2014) included 36 graduate certificate programs, whereas the 2010 study did not include any certificates. In addition, LaVelle (2014) identified 15 international evaluation education programs, of which six were in Canada, including three certificate programs (offered by the University of Victoria, the University of Ottawa, and Carleton University).

LaVelle (2018) produced an updated directory of evaluation education programs offered in the United States, based on online searches and analysis of publicly available course information undertaken in 2017. The 2018 directory included 71 master's and doctoral programs and 42 certificate programs. The 113 programs identified is less than the 139 located earlier (LaVelle, 2014). This directory is not intended to be "definitive," as it may not include all possible evaluation education programs in the United States. The directory will be corrected as needed and updated every four years. It does not provide analysis regarding the size of programs or their discipline locations.

Survey and internet search methodologies both have strengths and limitations. The survey-only approach requires the predetermination of candidate programs and contacts and relies on respondents to return surveys and provide reliable information. Internet-only searches are limited by the degree to which institutional websites are kept up-to-date and contain accurate information about courses and programs. Using these two methods in combination improves the accuracy of data collection.

## 2018 INVENTORY OF CANADIAN GRADUATE EVALUATION EDUCATION

The current study used the same definition of “program” of study in evaluation as was used in previous studies (Altschuld et al., 1994; Engle et al., 2006; LaVelle & Donaldson, 2010) to identify departmental units offering two or more courses, seminars or practica with an emphasis in program evaluation.

### *Sampling Frame*

The sampling frame for this Canadian study was constructed on the basis of several leads, including:

- Current members of the Consortium of Universities for Evaluation Education (CUEE)
- CUEE archival lists of courses and potential member programs
- [Canadian Evaluation Society \(2001\)](#), *Post-Secondary Evaluation-Related Courses*
- [Treasury Board of Canada Secretariat \(2010\)](#), Appendix A—Evaluation Training Program Descriptions
- [Devine and McDavid \(2009\)](#), *CUEE Project: Research on Evaluation Education at the Graduate Level in Canadian Universities, Final Report*
- [Public Health Agency of Canada \(n.d.\)](#), Educational Programs in Public Health
- universitystudy.ca website, using search term “evaluation”
- ReQUE: [Réseau québécois des universitaires en évaluation \(2013\)](#), Inventaire des cours et formations en évaluation de programme
- Internet [Google] search terms: “graduate ‘program evaluation’ course Canada”
- Searches of individual university websites using search terms “evaluation courses,” as well as manual scans of potentially relevant programs
- Intensive, online searches of Canadian university websites between the fall of 2017 and spring of 2018, to identify/confirm graduate evaluation-related courses and programs
- Examination of individual university departmental websites and related graduate course calendars to identify additional courses with emphasis in program evaluation.

The initial sample included 316 candidate courses (both single and multiple course offerings) in 105 academic departments located at 35 universities in nine provinces. Key contacts were identified for each department, including directors, deans, graduate program secretaries, and/or faculty/instructors of evaluation courses.

### *Data Collection*

Initial lists of graduate evaluation courses were compiled for each department and university and then grouped by province and saved as individual pdf documents.

The tentative lists of courses and programs were sent to identified key contacts with a cover email (in either French or English, as applicable) that provided information about the 2018 Evaluation Education Inventory Project and asked them to voluntarily participate in the study. Departmental representatives were asked to verify whether the courses listed were currently being offered and had a major emphasis on program evaluation and to update and make corrections to course numbers, titles, and brief course descriptions. Contacts were also invited to provide information regarding additional graduate courses with a major emphasis on program evaluation offered by their departments.

### ***Response Rate***

The overall response rate for 129 departments located at 35 universities was 57% and was similar between predominantly English- and French-speaking universities. Initial lists of courses were revised based on feedback and input received from key contacts. For those courses that were not verified by contacts, additional online searches were conducted to validate that they were currently listed on departmental websites and linked to current and/or future years' graduate course calendars.

### ***Analysis***

Penultimate lists of validated evaluation courses were reviewed by two members of the research team (in French and/or English, as applicable) to ensure that all course titles and brief descriptions met the criteria for inclusion in the inventory. These courses covered a wide range of disciplines and subject areas, including economic evaluation and policy development and performance evaluation, with emphasis on program evaluation.

The validated lists of courses were divided into those departments that offered single courses and those that offered two or more courses and therefore qualified as "programs." Departments that offered programs of study in program evaluation were included in the final inventory. Single-course offerings were tracked separately, since they provide an important indication that students are being exposed to "evaluation concepts and processes" (LaVelle & Donaldson, 2010, p. 19).

## **RESULTS**

The complete list of universities, departments, and course titles of the 2018 Canadian Inventory of Graduate Evaluation Education Programs is presented in the Appendix. As shown in [Table 1](#), our study confirmed 239 graduate courses (including some methodology courses) with emphasis in evaluation offered in programs of study (two or more courses) by 54 departments at 27 universities in eight Canadian provinces.

### ***Program Size***

In keeping with previous studies (Engle et al., 2006; LaVelle & Donaldson, 2010), the number of courses offered by departments was ranked to determine the size of

**Table 1.** Number of universities, departments, and courses by province

Province	Universities	Departments	# Courses
British Columbia	3	3	16
Alberta	2	4	11
Saskatchewan	2	4	18
Manitoba	2	3	8
Ontario	8	14	73
Quebec	7	20	88
Nova Scotia	2	2	7
Newfoundland and Labrador	1	4	18
Total	27	54	239

**Table 2.** Number of courses offered by Canadian university departments

# courses	# departments	Total # of courses
2	13	26
3	12	36
4	10	40
5	5	25
6	4	24
7	3	21
8	3	24
9	3	27
16	1	16
Total	54	239

programs. This proxy measure provides a rough indication of how much emphasis is given to evaluation within graduate programs. [Table 2](#) presents the number of evaluation courses offered by 54 departments at Canadian universities, including 25 small programs (2–3 evaluation courses) (44%), 19 medium-sized programs (4–6 courses) (37%), and 10 large programs (7 or more courses) (19%).

[Table 3](#) identifies the departments, institutions, and locations of the 10 large evaluation education programs, including two in Quebec, five in Ontario, one in British Columbia, one in Saskatchewan, and one in Newfoundland and Labrador.

### ***Range of Disciplines Offering Programs of Study in Evaluation***

The current study identified evaluation education programs in 15 different disciplines, as shown in [Table 4](#). The most common types of schools were medicine (9; 17%), education/educational psychology (9; 17%), health-related disciplines (7; 13%), public policy and administration (6; 11%), management studies (4; 7%), social work (4; 7%), and psychology (4; 7%).

**Table 3.** Details regarding large evaluation education programs in Canada

University	Department	# of Courses
1. Université du Québec, École nationale d'administration publique (ENAP) <i>Québec</i>	École nationale d'administration publique	16
2. University of Toronto <i>Ontario</i>	Institute of Health Policy, Management and Evaluation	9
3. University of Ottawa <i>Ontario</i>	École de gestion Telfer / Telfer School of Management	9
4. University of Waterloo <i>Ontario</i>	School of Public Health and Health Systems	9
5. University of Ottawa <i>Ontario</i>	Faculty of Education, and Faculty of Social Sciences, School of Psychology	8
6. Carleton University <i>Ontario</i>	School of Public Policy and Administration	8
7. Université du Québec à Montréal <i>Québec</i>	École des sciences de la gestion	8
8. University of Victoria <i>British Columbia</i>	School of Public Administration	7
9. University of Regina <i>Saskatchewan</i>	Johnson-Shoyama Graduate School of Public Policy	7
10. Memorial University <i>Newfoundland and Labrador</i>	Faculty of Medicine, Graduate Studies in Medicine	7

**Table 4.** Academic disciplines offering programs of study in evaluation in Canada

Discipline	No. depts.	%
Medicine	9	17%
Education / Educational psychology	9	17%
Health	7	13%
Public policy / Administration	6	11%
Management	4	7%
Social work	4	7%
Psychology	4	7%
Continuing education	2	4%
Graduate studies	2	4%
Political science	2	4%
Economics	1	2%
Environmental design	1	2%
International affairs	1	2%
Pharmacy	1	2%
Industrial relations	1	2%

The findings of this study can be compared with the results of American research on evaluation education programs. We found only 21% of evaluation education programs in departments of education, educational psychology, and psychology, whereas [May et al. \(1986\)](#) and [LaVelle and Donaldson \(2010\)](#) found 85%, [Altschuld et al. \(1994\)](#) identified 67%, [Engle et al. \(2006\)](#) reported 62.1%, and [LaVelle \(2014\)](#) noted that 79.5% of programs offering specialization in evaluation were located in these three disciplines.

Our study found a greater number and more diverse range of 15 different academic disciplines offering evaluation education programs at Canadian universities compared with studies of programs offered at universities in the United States. Including the top three disciplines offering evaluation education programs (education, educational psychology, and psychology) [LaVelle and Donaldson \(2010\)](#) identified a total of seven different disciplines (with the addition of public policy, criminal justice, applied sociology, and interdisciplinary studies), while [LaVelle \(2014\)](#) found eight (with the addition of public policy, public health, sociology, social work, and business).

### ***Graduate Degrees with Specialization in Evaluation***

Our study identified a range of graduate degrees offered by departments with evaluation education courses:

- Most offered degrees at the master's level (e.g., MA, MPA, MPH, MSc)
- 22 departments (41%) offered PhDs;
- Six (11%) offered graduate certificate / diploma programs in evaluation
- Several others offered diploma programs with various specializations (e.g., community health sciences, public policy and administration, public administration)
- Quebec universities frequently offered short, graduate-level microprograms that vary in the number of required courses and credit hours<sup>1</sup>

It is not possible to directly compare these findings with studies of evaluation programs in the United States. [Engle et al. \(2006\)](#) found more doctoral programs among the 24 American universities offering specialization in evaluation, with 15 PhDs (62.5%) and 6 EdDs (25%), as well as 15 programs offering MA/MS (62.5%), 6 graduate certificates (25%), and one non-degree program. [LaVelle and Donaldson \(2010\)](#) found over half (52.1%) of the 48 programs offering evaluation education programs were offered for both the master's and doctoral degrees, 12 (18.7%) were offered in master's degree programs only, and 16 (29.2%) were offered in doctoral programs only (this study did not consider certificate programs). Of the 87 post-secondary institutions offering graduate evaluation programs identified by [LaVelle \(2014\)](#), the majority were offered in master's and doctoral degrees, as well as 37 graduate certificate programs. [LaVelle's \(2018\)](#) directory of graduate evaluation education programs included 71 master's and doctoral degrees and 42 certificates

offered by universities in the United States. There appears to be substantial growth in certificate programs in the United States offering evaluation education.

### ***Canadian Graduate Certificate and Diploma Programs in Evaluation***

Six Canadian universities offer specialized graduate certificate and diploma programs in evaluation. As shown in [Table 5](#), three of these programs have been in place since the mid-2000s. Three are located in schools of public policy and administration, one is a joint program in education and psychology, one is in management studies, and one is offered by graduate studies. Three of these programs are available online and three provide options to study in French.

### ***Single Course Offerings***

In addition to the evaluation programs identified, our study found 61 departments that offer single courses in evaluation within graduate degree programs. As noted, single courses indicate that students are receiving some information about program evaluation concepts and methods ([LaVelle & Donaldson, 2010](#)). The large number of departments offering single courses in evaluation suggests acknowledgment of the relevance of program evaluation across a wide range of disciplines. Some professional associations now have requirements for program evaluation to be included in curricula, such as the [Canadian Psychological Association \(2011\)](#) standards for accreditation of doctoral programs in clinical neuropsychology and clinical, counselling, and school psychology. This indicates a growing recognition of the usefulness of program evaluation in applied settings that may underlie the large number of single courses with emphasis in evaluation across various disciplines.

## **DISCUSSION**

This is the first empirical study to develop a comprehensive inventory of graduate evaluation education programs in Canada. Previous efforts to identify and compile lists of courses and programs in Canada ([CES, 2001](#); [Devine & McDavid, 2009](#); [Treasury Board of Canada Secretariat, 2010](#)) were used to develop the sampling frame for the current study. The [ReQUE \(2013\)](#) Project Report was the most comprehensive listing of evaluation education courses offered by universities in Quebec.

This study identified 54 graduate programs of study offering two or more courses with emphasis in evaluation, with a total of 239 courses at 27 Canadian universities. These programs were offered by 15 different disciplines across all universities. Over half (57%) of the departments that were contacted validated that the courses were currently offered and provided input that ensured they were accurately described. The remaining courses were validated through intensive online searches of university departmental and graduate calendars to confirm they were current and being offered.

Our results indicate that Canada has about half the number of evaluation education programs compared with the most recent findings regarding programs

**Table 5.** Graduate certificate and diploma credential programs in evaluation

Date of origin	Institution	Department	Delivery	Credential
2006 on-campus 2016 online	Carleton University	School of Public Policy and Administration	Online English	Graduate Diploma in Public Policy and Program Evaluation
2006	University of Ottawa	Faculty of Education, and Faculty of Social Sciences, School of Psychology	On-campus French and English	Graduate Diploma in Program Evaluation / Diplôme d'études supérieures en évaluation et gestion du risque santé des populations
2010	University of Victoria	School of Public Administration	Online English	Graduate Certificate and Diploma in Evaluation
2018	University of the Fraser Valley	School of Graduate Studies	Online English	Graduate Certificate in Program Evaluation
2013	Université du Québec à Montréal (UQÀM)	École des sciences de la gestion [School of Management Sciences]	On-campus French	Diplôme d'études supérieures spécialisées (DEES) en évaluation de programmes, projets et services
pre-2008	Université du Québec	École nationale d'administration publique (ÉNAP)	On-campus, some courses available online French and English	Graduate Diploma in Program Evaluation / Diplôme d'études supérieures spécialisées (DEES), Concentration en évaluation de programmes

located in the United States (LaVelle, 2018); however, Canada has proportionately more programs when the population size of the two countries is taken into account. In 2018, our study identified three times more large graduate programs of study with emphasis in evaluation than were found in the United States in 2008 (10; 19% vs. 3; 6%) (LaVelle & Donaldson, 2010). Canada also has a more diverse range of disciplines offering evaluation education programs, compared with inventories of American evaluation education programs, where the vast majority were in schools of education, educational psychology, and psychology. The most common programs of study in evaluation at Canadian universities in 2018 were located in faculties of medicine, departments of health disciplines, and schools of public policy and administration.

Specialized graduate certificate/diploma programs in evaluation are offered by six different Canadian universities, with three in public policy and administration, one joint program in education and psychology, one in graduate studies, and one in management sciences. Three of these credential programs have existed since the mid-2000s, and three emerged more recently. The number of certificate programs offering evaluation education in the United States appears to be expanding, from six in 2000–2002, initially identified by Engle et al. (2006), to 36 in 2011–2012, noted by LaVelle (2014), and 42 in 2017, reported by LaVelle (2018).

Over the years, the field of evaluation has grown and diversified and become increasingly professionalized. Since 1981, the Canadian Evaluation Society has taken a number of innovative steps to support the professionalization of evaluation in Canada. Requirements to evaluate government programs (Treasury Board, 2016) have increased the demand for qualifications to undertake this work. University partners, such as the CUEE, have sought to build capacity and expand university evaluation education. Graduate evaluation education is now offered by a wide range of departments among Canadian universities, and the number of evaluation courses has expanded, compared to previous listings (Devine & McDavid, 2009; Engle et al., 2006). This indicates a growing awareness of the relevance of evaluation across disciplines.

Constructing inventories is challenging in part because of a tendency for methodologies to yield results that undercount courses, programs, and institutions. By starting with a previously identified population of programs as the basis of the sampling frame, there is the risk of missing programs. Comparisons across countries or over time are subject to this general problem of missing data. Even by using intensive internet searches and following up with surveys of pre-identified programs, there is no assurance that the 2018 Inventory includes all possible programs or evaluation courses in Canada.

The 2018 Canadian Inventory of Graduate Evaluation Education is a resource for CUEE members and other stakeholders with an interest in graduate evaluation education. The inventory will also be of interest to professional associations and governments as they seek to expand the knowledge and skills of evaluators. Finally, the 2018 Inventory will act as a baseline for future studies and ongoing monitoring of graduate evaluation education in Canada.

## NOTE

- 1 Examples of microprograms: Laval: 4 to 6 courses (12 to 18 credits); ÉNAP: 3 courses (9 credits).

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## AUTHOR INFORMATION

**M. Theresa Hunter**, PhD, is an independent consultant in Victoria, British Columbia. Her research interests include social policy regarding children's rights and early childhood education and care, research ethics, and graduate evaluation education. The research for this publication was conducted as a Consortium of Universities for Evaluation Education (CUEE) project.

**James C. McDavid** is professor emeritus of public administration at the University of Victoria. His research includes topics in program evaluation, performance measurement, and performance management. He has conducted research and program evaluations focusing on federal, state, provincial, and local governments in the United States and Canada. His publications include articles and books on program evaluation (most recently evaluation education), performance measurement, performance management, and comparisons of local government service performance across Canada. The third edition of his textbook, *Program Evaluation and Performance Measurement: An Introduction to Practice*, has recently been published by SAGE Publications in 2019.

**APPENDIX**

**Table A1.** 2018 Canadian Inventory of Graduate Evaluation Education

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
University of British Columbia	Faculty of Medicine	MSc	SPHA 531 Economic Evaluation
		MHA	SPPH 540 Program Planning and Evaluation
	School of Population and Public Health	MHS	SPPH 541 Economic Evaluation
		MPH	SPPH 545 Community Health Promotion
		MPH with Diploma in Dental Public Health	SPHA 553 Program Planning and Evaluation
University of the Fraser Valley	School of Graduate Studies	PhD	PREV 700 The Context of Policy Development and Performance Evaluation
		Graduate Certificate in Program Evaluation	PREV 710 Program Evaluation Principles and Processes
			PREV 720 Evaluation Design and Issues in Program Evaluation
			PREV 730 Evaluation Design and Issues in Program Evaluation II
			ADMN 537 Program Evaluation and Performance Measurement
University of Victoria	Faculty of Human and Social Development School of Public Administration	MA	ADMN 544 Economic Evaluation Methods and Applications
		PhD	ADMN 580 Qualitative Evaluation Methods and Applications
		Graduate Certificate and Diploma in Evaluation	ADMN 581 Quantitative Methods for Public Policy Analysis & Program Evaluation
			ADMN 582 Topics in Program Evaluation, Performance Measurement, Performance Management and Knowledge Management
			ADMN 596 Evaluation Project (diploma students)
		ADMN 621 Policy and Program Evaluation and Performance	

University of Alberta	School of Public Health	MPH	SPH 504 Health Promotion Planning and Evaluation SPH 631 Health Program Evaluation SPH 695 Epidemiology of Injuries / Design and Evaluation of Injury Interventions
University of Calgary	Werklund School of Education Graduate Programs in Education	MEd MSc	EDER 603.24 Program and Practice Evaluation EDPS 691.04/691.06 Program Development and Evaluation I/ Program Development and Evaluation II
University of Calgary	Cumming School of Medicine Graduate Science Education	MDCH	MDCH 660 Foundations of Health Services Research MDCH 661 (ECON 679) Health Economics I MDCH 662 Economic Evaluation MDCH 663 Decision Analysis in Health Economic
University of Calgary	Faculty of Social Work	MSW MSW / MBA PhD	SOWK 693 Research as a Foundation for Leadership SOWK 695 Becoming an Evidence-Based Leader
University of Regina	Faculty of Education	MEd	EC&I 809 Program Evaluation
University of Regina	Johnson-Shoyama Graduate School of Public Policy	MPA Master's Certificates	EC&I 852 Evaluation in Social Studies Education JSGS 803 Quantitative Methods JSGS 818 Program Evaluation JSGS 824-001 Health Program Planning and Evaluation JSGS 832 Population Based Health Program Management JSGS 838 Public Sector Financial Management JSGS 849 Social Economy and Public Policy JSGS 851 Qualitative Methods
University of Saskatchewan	Department of Psychology Applied Social Psychology	MA PhD	PSY 809.3 Qualitative Research PSY 810 Methods of Applied Social Research PSY 811 Program Evaluation PSY 865.3 Applied Research Designs PSY 902 Practicum in Applied Social Psychology PSY 903 Internship in Applied Social Psychology

(Continued)

**Table A1.** Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
University of Saskatchewan	College of Education Department of Educational Psychology and Special Education	MEd	EPSE 843 Theory of Educational and Psychological Measurement
			EPSE 844.3 Advanced Test Theory and Instrument Construction
			EPSE 993.3 Individual Research Assignment in Educational Psychology
University of Manitoba	Department of Economics	Pre-MA MA PhD	ECON 7040 Topics in Applied Microeconomics I
			ECON 7050 Topics in Applied Microeconomics II
			ECON 7150 Evaluation of Public Policy and Programs
University of Manitoba and University of Winnipeg	Department of Political Studies (University of Manitoba) and Department of Political Science (University of Winnipeg)	Joint MPA	GPOL-7300 Seminar in Theory & Practice of Public Administration: Program Evaluation and the Economic Analysis of Public Programs
			GPOL-7341 An Indigenous Approach to Program Evaluation: Theory & Practice
			FMLY 7500 Evaluation of Family, Health and Social Development Programs
University of Manitoba	Department of Community Health Sciences	MSc MPH Diploma PhD	CHSC 7290 Economic Evaluation of Health Care
			CHSC 7380 Prevention and Health
			PADM5420 Policy and Program Evaluation
Carleton University	School of Public Policy and Administration	Graduate Diploma in Public Policy and Program Evaluation Other Graduate Diploma Specializations MPPA	PADM 5441 Introduction to Policy and Program Evaluation
			PADM 5442 Quantitative Research Methods in Evaluation
			PADM 5443 Qualitative Research Methods in Evaluation
			PADM 5444 Benefit-Cost Analysis in Evaluation
			PADM 5445 (Practicum I) Evaluation Research Designs
			PADM 5446 (Practicum II) Data Analysis, Findings and Reporting Methods in Evaluation
			PADM 5715 Policy Research and Evaluation for Indigenous Policy and Administration

Carleton University	Faculty of Public Affairs The Norman Paterson School of International Affairs School of Graduate Studies	MA PhD  MEd Graduate Diplomas	INAF 5003 Project Operations in a Developing Context INAF 5609 Development Project Evaluation and Analysis  EDUC 828 Program Evaluation EDUC-861 Policy Studies in Education EDUC 942 Program Evaluation GDPI-802 (PME 802) Program Inquiry and Evaluation PME-828 Conducting Quality Program Evaluations CSWP 538 Social Work Research: Part I CSWP 638 Social Work Research: Part II CSWP 932 Evaluating Social Work Practices
Queens University			
Ryerson University	The G. Raymond Chang School of Continuing Education	Graduate Certificate Course Series in Research Methodologies and Program Evaluation	
University of Guelph	School of Environmental Design and Rural Development (SEDRD)	MSc MPlan	EDRD*6000 Qualitative Analysis in Rural Development RPD*6070 Project Development: Principles, Procedures, and Selected Methods RST*6100 Integrative Research Methods EDRD*6690 Program Evaluation CRM 6359 / CRM 6759 Evaluation Of Criminal Justice Programs, Policies and Legislation / Évaluation des programmes, des politiques et des lois en matière de justice criminelle EDU 5299 / EDU 5699 Program Evaluation: Methods and Practice / Évaluation de programmes EDU 5399 / EDU 5799 Development of Assessment and Evaluation Instruments / Elaboration d'instruments d'évaluation
University of Ottawa	Faculty of Education, and School of Psychology, Faculty of Social Sciences	Graduate Diploma in Program Evaluation / DESS en évaluation et gestion du risque santé des populations MEd	

(Continued)

**Table A1.** Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
University of Ottawa	Faculty of Medicine School of Epidemiology and Public Health	MSc Epidemiology	EDU 6191 Methods and interpretation of Quantitative Research
			EDU 6299 / EDU 6699 Program Evaluation: Theory and Contemporary Issues / Évaluation de programmes : théorie et problèmes actuels
			PSY 5104 / PSY 5504 Integration Seminar in Program Evaluation / Séminaire d'intégration en évaluation de programme
			PSY 7102 / PSY 7502 Field Research in Social and Community Interventions / Recherche appliquée aux interventions sociales et communautaires
			PSY 7103 / PSY 7503 Program Evaluation / Évaluation de programmes
			EPI 5144 Global Health Epidemiology and Practice Evaluation
			EPI 5183 Approaches to Community/Public Health Program Evaluation
			EPI 5189 Health Economic Evaluation
			MBA 5265 Performance Management
			MBA 6156 Performance Management: Business Process Modelling
University of Ottawa	École de gestion Telfer / Telfer School of Management	MHA MBA	MBA 6280 Performance and Operations Management
			MBA 6556 Gestion de la performance : Modélisation des processus de gestion
			MBA 6680 La gestion de la performance et des opérations
			MHA 6203 Program Evaluation for Health Care Managers
			MHA 6215 Management and Evaluation of Quality of Patient Care
			MHA 6301 Population Health and Epidemiology
			MHA 6351 Health Economics

University of Toronto	Institute of Health Policy, Management and Evaluation	MSc PhD	HAD5726H Evaluation and Research Design in Health Informatics HAD5728H Performance Measurements in Healthcare: Theory and Application HAD5730H Economic Evaluation Methods for Health Services Research HAD5738H Advanced Methods for Economic Evaluation HAD5740H Intermediate Level Qualitative Research for Health Services and Policy Research HAD5742H Mixed Methods for Health Services Research HAD5743H Evaluation Design For Complex Interventions HAD5780H Program Planning and Evaluation for Health Services and Policy Research HAD6761H Health Services Outcomes and Evaluation Comprehensive Course
University of Toronto	Dalla Lana School of Public Health Social & Behavioural Health Sciences Division	MPH PhD	CHL5110H Theory and Practice of Program Evaluation CHL5150H Data Collection Methods for Research and Evaluation Projects CHL7001H Large Scale Impact Evaluation
University of Toronto	Leadership, Higher and Adult Education (LHAE)	MA MEd EdD PhD	EDP3045H Educational Policy and Program Evaluation EDP3145H Advanced Issues in Educational Policy Analysis and Program Evaluation
University of Toronto	Faculty of Medicine Department of Physical Therapy	MSc PT	PHT1001H Introduction to Professional PT Practice, Evaluation and Research PHT 1006Y Research and Program Evaluation for Physical Therapy Practice I PHT 1010Y Research and Program Evaluation for Physical Therapy Practice II PHT 1012Y Research and Program Evaluation for Physical Therapy Practice III

(Continued)

**Table A1.** Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles	
University of Waterloo	School of Public Health and Health Systems	MSc	PHS 614 Foundations of Program Evaluation	
		MPH	PHS 605 Quantitative Methods & Analysis	
		MHI	PHS 655 Health Measurement and Survey Methods	
		MH Evaluation	PHS 651 Theory and Applications in Program Evaluation	
		PhD	PHS 652 Qualitative Methods and Analysis	
				PHS 654 Systems Thinking and Analysis in Health Program Planning and Evaluation
University of Windsor	School of Social Work	MSW	PHS 653 Evaluation Practice and Management	
		MSW / JD	PHS 641 Professional Experience Practicum	
		PhD	HLTH 620 ( <i>cross-listed as RLS620 Program Evaluation in Recreation, Sport and Tourism</i> ) Experiential Learning in Evaluation	
University of Windsor			47-547 Social Work Research: Practice Evaluation	
			47-625 Law and Social Work: Advanced Practice Research Methods and Policy Analysis	
			47-640 Program Design and Evaluation	
			47-680 Advanced Internship Seminar	
			MGMT 5006 Program Evaluation, Part 1	
			MGMT 5106 Program Evaluation, Part 2	
			MGMT 6525 Program Evaluation	
			MGMT 5146 Research Methods	
				PUAD 6520 Program Evaluation Seminar
				GEPY 6603 Program Evaluation
Mount Saint Vincent University	Educational Psychology	MEd	GEPY 6607 Practicum in Evaluation	
		GEDU		
Dalhousie University	Faculty of Management School of Public Administration	MPA		
		MPA / JD		
		MPA		
		MPA/MLIS		

Memorial University	Faculty of Medicine Graduate Studies in Medicine	MSc MH Ethics MPH PhD	MEM 6100 Teaching and Learning in Medical Education
			MED 6284 Research & Evaluation Design & Methods
			MED 6288 Policy and Decision Making
			MED 6295 Advanced Quantitative Methods
			MED 6950 Simulation and Technology-based Learning in the Health Professions
			MED 6951 Assessment and Evaluation in Health Professions Education
			MED 6953 Current Perspectives and Advances in Medical Education
			ED 6100 Research Designs and Methods in Education
			ED 6205 Educational Policy: Theory and Practice
			ED 6710 Issues in Development and Implementation of Special Education Policy and Practices
Memorial University	Faculty of Education	MEd	ED 6822 Foundations of Instructional Design in Post-Secondary Education
			PSY 6400 Theory and Methods in Social Psychology
			PSY 6403 Program Evaluation and Applied Research
			PSY6 404 The Research Project
			PSY 6602 Research Design in Clinical Psychology
			SCWK 6014 Leadership in Social Policy and Programs
			SCWK 6413 Research Theory, Design, and Analysis
			SCWK 6422 Data Analysis for Social Work Assessment and Evaluation
			SCPA 503 Fundamental Skills for CED Practice
			SCPA 511 Field Project—Part II
Memorial University	Faculty of Science Department of Psychology	Masters in Applied Psychological Science PsyD	PSY 6403 Program Evaluation and Applied Research
			MSW
			PhD
Memorial University	School of Social Work		SCWK 6422 Data Analysis for Social Work Assessment and Evaluation
			SCWK 6422 Data Analysis for Social Work Assessment and Evaluation
Université Concordia	Faculty of Arts and Science, Community Eco- nomic Development (CED) École des affaires pub- liques et communautaires	DESS	SCWK 6422 Data Analysis for Social Work Assessment and Evaluation

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Table A1. Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
Université de Montréal	École de santé publique	DESS	SPU 7501 Évaluation des interventions en santé
		MSc	SPU75031 Practicum en évaluation 1
		Microprogrammes	SPU75032 Practicum en évaluation 2
			SPU7504 Séminaire de pratique avancée
Université de Montréal	École de santé publique Département de gestion, d'évaluation et de politique de santé	Maîtrise en administration des services de santé Maîtrise en santé publique DESS Microprogrammes Doctorat	ASA 6161 Évaluation normative
			ASA 6175 Méthodes d'évaluation économique
			ASA 6178 Méthodes d'évaluation
			ASA 6608 Évaluation économique appliquée à la qualité
			ASA 6732 Évaluation des technologies de la santé
			ASA 6814 Évaluation économique
Université de Montréal	Département de médecine social et préventive	Maîtrise en santé publique Doctorat en santé publique	MSO 6116 Planification et évaluation en santé
			MSO 6117 Évaluation participative
Université de Montréal	Faculté de pharmacie	Diplôme	MSO 6136 Introduction à l'évaluation d'impact sur la santé
			MSO 6331 Introduction à l'évaluation d'impact sur la santé
Université de Montréal	Faculté des arts et des sciences Département de psychologie	Maîtrise Doctorat Microprogramme	PHA 6320 Ateliers en évaluation de l'information
			PHM 6014 Évaluation critique de l'essai clinique
			PSY 6775 Évaluation des programmes d'intervention PSY 7949 Stage: évaluation
Université de Montréal	Faculté des arts et des sciences Département de science politique	Maîtrise	POL 6509 Methodes d'évaluation des politiques publiques
			POL 6525 Analyses et évaluations de politiques (cours de service MAPI)

Université de Montréal	Faculté des arts et des sciences École de psychoéducation	Maîtrise Microprogramme Doctorat	PSE 6156 Intervention et évaluation 2
			PSE 6157 Intervention et évaluation 3
			PSE 6575 Méthodologie de la recherche évaluative
			PSE 6583 Planification et évaluation d'intervention
			REI 6620 Évaluation de politiques et de programmes en R.I.
Université de Montréal	Faculté des arts et des sciences École de relations industrielles	Maîtrise DESS Microprogrammes Doctorat	REI 6625 Audit de la GRH
			ETA 6060 Élaboration et évaluation de programmes
			ETA 65221 Analyse d'expériences en évaluation 1
			ETA 65222 Analyse d'expériences en évaluation 2
			ETA 6551 Méthodologie de la mesure en évaluation
Université de Québec à Montréal	École des sciences de la gestion	DESS Programme court en évaluation de programmes, projets et services	ETA 7510 Lectures individuelles en mesure et évaluation (crédits 3.0)
			FPE7802 Introduction à la démarche évaluative
			FPE7811 La conduite professionnelle en évaluation de programme
			ESG7100 Application des méthodes quantitatives à la gestion
			FPE7822 Méthodes qualitatives en évaluation de programme
Université de Québec	École nationale d'administration publique	MPA MSc	SCO 7411 Les indicateurs de performance
			DSR7510 Séminaire d'intégration
			DSR7521 Stage en évaluation de programme, d'un projet ou d'un service
			FPE7842 Approches multiméthodologiques en évaluation de programmes
			ENP 7147 Qualitative Evaluation Methods / Méthodes qualitatives en évaluation de programmes

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Table A1. Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
École nationale d'administration publique (ÉNAP)	Graduate Diploma in Program Evaluation / DEES, Concentration en évaluation de programmes Short program in program evaluation	ENP 7132 + ENP 7132@ Principles, Processes and Evaluation Methods of Public Programs / Principes, processus et méthodes d'évaluation des programmes publics ENP 7140 Economic program evaluation methods / Méthodes d'évaluation économique des programmes publics ENP 7139 Statistical Methods in Program Evaluation I / Méthodes statistiques d'évaluation de programmes ENP 7165 Public-Sector Economics / Economie du secteur public	ENP 7332 + ENP 7332@ Results-based Management (RBM) / Gestion par résultats ENP 7363 Score Board, a Management and Program Monitoring Tool / Tableau de bord, outil de suivi de gestion et de programmes
			ENP 7866 + ENP 7866@ Project Management / Gestion de projets ENP 7303 + ENP 7303@ Public Organization Management / Management des organisations publiques ENP 7350 Research Methods and Intervention / Méthodes de recherche et d'intervention ENP 7505 + ENP 7505@ Principles and Stakes of Public Administration / Principes et enjeux de l'administration publique ENP 7521 Public Policy Analysis / Analyse de politique publique STA (ENP 7969-S, ENP 7969) ENP 7969-S Work Term/Stage & ENP 7969 Supervised Tutorial / Travail dirigé

Université Laval	Faculté de médecine, Département de médecine sociale et préventive	MSc SAP—évaluation Microprogramme	ENP 7800 + ENP 7800@Budget Management / Gestion budgétaire ENP 7821 Accounting, a Decision-making Tool / Comptabilité, outil de prise de décision PIFED Programme international de formation en évaluation du développement SAP-7000 Recherche quantitative en santé publique SAP-7001 Recherche qualitative en santé publique SAP-7013 Évaluation d'impact en santé publique SAP-7017 Évaluation économique en santé SAP-7006 Évaluation: fondements théoriques et pratiques SAP-7020 Mesure et santé: principes théoriques et applications
Université Laval	École de travail social et de criminologie	Maîtrise	SVS-7001 Évaluation de programmes et de l'intervention SVS-7006 Évaluation de l'intervention
Université Laval	Faculté des sciences de l'administration Département de management	MBA MSc Maîtrise DESS Microprogramme Doctorat	MNG-6003 Recherche évaluative MNG-6044 Indicateurs de performance et tableaux de bord de gestion MNG-6106 Évaluation : gestion et méthodes
Université Laval	Faculté des sciences de l'éducation Administration et gestion Administration, politiques, mesure et évaluation	DESS Maîtrise Mesure et évaluation Doctorat Mesure et évaluation	AEE-7009 Stage en administration et évaluation en éducation ADS-7003 Perspectives critiques sur l'évaluation des politiques éducatives MEV-7003 Élaboration / évaluation: programme d'intervention MEV-7004 Évaluation de programmes MEV-7009 Évaluation institutionnelle

(Continued)

Table A1. Continued

Institution	School / Department	Degrees Offered	Evaluation Course No. / Titles
Université Laval	Faculté des arts et des sciences	Maîtrise	ECN-7180 Évaluation des politiques publiques
			POL-7013 Évaluation des politiques
			MEV-7016 Fondements en mesure et en évaluation
			RS5741 Évaluation de programmes en santé
			TXM782 Évaluation d'interventions et de programmes
Université de Sherbrooke	Faculté de médecine et des sciences de la santé	Maîtrise en sciences infirmières	TXM784 Évaluation d'interventions et de programmes
			SCL708 Évaluation de programme en santé
			REA113 Évaluation de programme
Université de Sherbrooke	Faculté d'éducation	Maîtrise DESS	REA110 Démarche évaluative en réadaptation
			PSE717 Évaluation des programmes
McGill University	Faculty of Medicine Epidemiology and Biostatistics	MSc, Family Medicine	PSE836 Conception et évaluation de programmes
			DFP707 Conception et évaluation de programmes
			FMED 612 Evaluation Research and Implementation Science (1 credit)
			PPHS 528 Economic Evaluation of Health Programs
			PPHS 617 Impact Evaluation

Note. DESS = Diplôme d'études supérieures spécialisées; EdD = Doctorate of Education; GEDU = Graduate Programs in Education; MBA = Master of Business Administration; MDCH = Masters in Community Health Sciences; MEd = Master of Education; MHA = Master of Health Administration; MH Ethics = Master of Health Ethics; MH Evaluation = Master of Health Evaluation; MHI = Master of Health Informatics; MHS = Master of Health Science; MPA = Master of Public Administration; MPA / JD = Master of Public Administration / Juris Doctorate; MPA/MLIS = Master of Public Administration / Master of Library and Information Studies; MPH = Master of Public Health; MPlan = Master of Rural Planning and Development; MPPA = Master of Public Policy and Administration MSc = Master of Science; MSc PT = Master of Science, Physical Therapy; MSc SAP = Maîtrise en santé publique; MSW / JD = Master of Social Work / Juris Doctorate; PhD = Doctor of Philosophy; PsyD = Doctor of Psychology.