

CIHR Institute of Gender and Health: Three-part series of online courses

A summary of

Canadian Institutes of Health Research Institute of Gender and Health. (2016). Course Catalogue. Retrieved from <http://www.cihr-irsc-igh-isfh.ca/course/index.php>.



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National Collaborating Centre
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Centre de collaboration nationale
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Categories:

Tool, Appraise, Synthesize

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Tool

Relevance For Public Health

These courses are designed for use in all aspects of health research, since accounting for sex and gender considerations is important in public health. For example, they could be used to assist with the appropriate inclusion of men and women in a study, or to improve the assessment of benefits and harms associated with a therapeutic procedure by quantifying sex and/or gender differences in epidemiologic datasets. All aspects of knowledge translation can also benefit from increased consideration of sex and gender.

Description

Three free online courses provide training on the use and implications of considering sex and gender in research.

[The Canadian Institutes of Health Research \(CIHR\) Institute of Gender and Health](#) is offering free online certificate courses on the use of sex and gender in biomedical research. The three courses address the topics of (1) biomedical research, (2) primary data collection with human participants and (3) analysis of data from human participants, respectively. The course objectives are as follows:

Course 1: Sex and Gender in Biomedical Research

- Objective 1: Recognize nomenclature used in sex and gender science
- Objective 2: Identify methods to conduct sex and gender science
- Objective 3: Critically appraise the integration of sex and gender in protocols and publications

Course 2: Sex and Gender in Primary Data Collection with Humans

- Objective 1: Define and distinguish between sex and gender-related variables in a health research context
- Objective 2: Identify methods for integrating sex and gender in research involving primary data collection with human participants
- Objective 3: Critically appraise the integration of sex and gender in protocols and publications

Course 3: Sex and Gender in the Analysis of Data from Human Participants

- Objective 1: Define and distinguish between sex-related and gender-related variables using data from human participants
- Objective 2: Apply methods for conducting a sex- and gender-based analysis using data from human participants
- Objective 3: Critically appraise the integration of sex and gender in the data analysis plan of research using data from human participants

Each course has a pre- and post-test to evaluate learning throughout the modules, as well as a certificate of completion that is issued following the completion of the post-test.

These summaries are written by the [NCCMT](#) to condense and to provide an overview of the resources listed in the [Registry of Methods and Tools](#) and to give suggestions for their use in a public health context. For more information on individual methods and tools included in the review, please consult the authors/developers of the original resources.

Implementing the Tool

Who is Involved?

Steps for Using Tool

The Canadian Institutes of Health Research (CIHR) Institute of Gender and Health is offering free online training courses designed to help account for sex and gender considerations in health research, with a certificate of completion available for each course. Pre- and post-test questions are required to gain the certificate of completion. While each course is self-contained, they were designed to complement each other, and are therefore ideally completed together. Additional resources and references are also provided with each course.

Conditions for Use

Free registration. © 2016 Canadian Institutes of Health Research

Evaluation and Measurement Characteristics

Evaluation

Information not available

Validity

Not applicable

Reliability

Not applicable

Methodological Rating



Not applicable

Tool Development

Developers

Canadian Institutes of Health Research (CIHR) Institute of Gender and Health
Website: <http://www.cihr-irsc.gc.ca/e/193.html>

Method of Development

Release Date

2016

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Resources

Title of Primary Resource	Interactive Modules from the Canadian Institutes of Health Research and the Institute of Gender and Health
File Attachment	None
Web-link	http://www.cihr-irsc-igh-isfh.ca/course/index.php
Reference	Canadian Institutes of Health Research Institute of Gender and Health. (2016). Course Catalogue. Retrieved from http://www.cihr-irsc-igh-isfh.ca/course/index.php .
Type of Material	Online courses
Format	On-line Access
Cost to Access	None.
Language	English, French
Conditions for Use	Free registration. © 2016 Canadian Institutes of Health Research