

Center for Interdisciplinary Research on Wellbeing, Health, Society and Environment (Cinbiose)

Definition and general scope

CINBIOSE has been a PAHO-WHO Collaborating Center since 1998.

General scope is as follows, at PAHO/WHO's request:

1. To build capacity in occupational and environmental health by developing and integrating a global transdisciplinary ecosystem approach to health into research and training activities for Member States.
2. To support initiatives to integrate action-research aiming to address the needs of vulnerable populations using the PAHO/WHO social determinants of health framework.
3. To integrate gender analysis into occupational and environmental health considering how the interactions between SDG5 and SDG8.
4. To support the design and evaluation of preventive interventions in occupational and environmental health.



Workplan 2025-2029

Activities linked to GS1

Activity 1

Title: Develop and pilot-test a training toolkit on primary prevention of occupational cancers using an ecosystem and transdisciplinary approach

Responsible: Marie Laberge

Type: Training and education

Deliverables:

- training toolkit in occupational cancer prevention for vocational education stakeholders (educators, employers, practitioners).
- facilitator's guide including instructional strategies, exercises, and evaluation suggestions.
- Web-based platform designed to host the full set of training resources and tools, with an indexation system that allows users to easily search and access materials by theme, target audience, or use-case.

Activity 2

Title: Provide technical reports on climate changes (CC) training destined to nurses and midwives relate to the effect of CC on direct patient care, daily professional practice aimed at mitigating CC and advocacy strategies

Responsible: Johanne Saint-Charles

Type: Training and education

Deliverables: Three reports on training needs of midwives and nurses.

- Report on highlights of the developed training
- Evaluation report (short-term and mid-term) of the training including participants' satisfaction; subjective
- Assessment of the improvement in climate literacy; impact on various indicators such as behavioral intentions, confidence in one's ability to communicate and act on climate change, potential for implementation in practice and anticipated barrier.



Activities linked to GS2

Activity 3

Title: Develop knowledge on the prevention of psychosocial risks, including atypical work schedules, workplace violence and traumatic events' effects on occupational health, on essential care workers in precarious work situations

Responsible: Mélanie Lefrançois and Valérie Martin

Type: Collection and collation of information

Deliverables:

- Report, one by profession, outlining the various psychosocial risk factors by profession including guidance on management practices to prevent deleterious effects of psychosocial risk factors on essential workers in precarious work situations.
- Three peer-reviewed articles, one per profession (charge-free open-access ensured through institutional repositories).
- Synthesis document



Activities linked to GS3

Activity 4

Title: Develop technical guidance for employers and workers related to maternity in the workplace through an integrative analysis of public policies, regulatory framework, management practices and occupational health issues

Responsible: Jessica Riel

Type: Collection and collation of information

Deliverables:

- Publish two peer-reviewed scientific articles (charge-free open-access ensured through institutional repositories).
- Produce self-training document for trade workers
- Produce report with integrative Analyse and recommendations



Activities linked to GS3

Activity 5

Title: Package gender-integration toolkit for participatory research interventions in occupational and environmental health

Responsible: Marie Laberge

Type: Collection and collation of information

Deliverables:

- An English version of the toolkit website to support access to the toolkit to English-speaking researchers, and international scientific community. The website hosting the English version of the gender-integration toolkit will be maintained and updated by the Chaire de recherche Ado-Previt, which is affiliated with the University of Montreal. The Chair already supports the French version of the toolkit and will ensure the continued accessibility, hosting, and basic updates of the English version beyond the expiration of the Collaborating Centre designation. All associated costs will be covered by the Chair through its ongoing institutional and research infrastructure. No additional support will be required from PAHO/WHO.
- One peer-reviewed article in international scientific journal (charge-free open-access ensured through institutional repositories)



Activities linked to GS4

Activity 6

Title: develop a participatory evaluation protocol to guide the design and evaluation of a multi-stakeholders' occupational cancer prevention intervention, including process and outcome evaluation tools tailored to students, school educators, and workplace supervisors

Responsible: Hélène Sultan-Taïeb

Type: Collection and collation of information

Deliverables:

- One or more behavior change logic models, co-developed through a participatory process, describing key determinants and pathways for promoting occupational cancer prevention among relevant stakeholders (e.g., students, educators, supervisors)
- Open-access journal article presenting the protocol and partnership methodology.
- A second scientific article focusing on key findings from the pilot testing and the implications for implementation in vocational education and school-to-work transition programs.
- Knowledge-translation brief targeted at ministries of Education and Labour, summarizing the evaluation protocol and outcomes with practical recommendations for integration into training, supervision, and work insertion policies for vulnerable youth.
- The proposed institution will participate in collaborative research under PAHO/WHO leadership. Such activities will be conducted as PAHO/WHO research, following PAHO/WHO procedures and rules.
- Articles will be submitted through peer-reviewed, open-access journals free of charge, in line with PAHO/WHO's policies and procedures and as agreed with PAHO/WHO.

Photos : Manon Sorais, Karen Messing, Romy Têcher, Aline Philibert, Marc Fraser

See you soon for new collaborations !

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