

Dr. Fidji Gendron
Professor of Biology



Department of Indigenous Science, Environment and Economic Development

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Credentials: Ph.D. (Université du Québec à Montréal)
B.Sc. (University of Sherbrooke)

Research Interests: Native Plants and Their Traditional Uses
Teaching Tools on Plant Medicines

Courses Taught: BIOL 100: From Cells to Organisms
BIOL 101: Introductory Biology II
BIOL 140: Human Biology
BIOC 200: Medicinal Plants and Culture

Selected Publications:

Cheng, S., **Gendron, F.**, Ziffle, V., and Gerhard, D. 2019. Engaging Indigenous youth in science with the high-altitude balloon experiment. Creative Education, 10: 319-331.

Cheng, S., Gerhard, D., **Gendron, F.**, and Ziffle, V. 2019. Incorporation of high-altitude balloon experiment in high school science classrooms. Creative Education, 10: 262-272.

Gendron, F. 2017. Aboriginal Youth's Perceptions of Traditional and Commercial Tobacco in Canada. Health Promotion International, <https://doi.org/10.1093/heapro/dax048>

Alkholy, S.O., **Gendron, F.**, McKenna, B., Dahms, T., Ferreira, M.P. 2017. Convergence of Indigenous science and western science impacts overall students' interest in STEM and minority students' identity as a scientist. Ubiquitous Learning, An International Journal, 10(1).

Gendron, F., Hancherow, A., and Norton, A. 2016. Exploring and revitalizing Indigenous food networks in Saskatchewan, Canada, as a way to improve food security. Health Promotion International.

Alkholly, S.O., **Gendron, F.**, Dahms, T., and Ferreira, M.P. 2015. Assessing student perceptions of indigenous science co-educators, interest in STEM, and identity as a scientist: a pilot study. Ubiquitous Learning, An International Journal. 7(3-4): 41-51

Gendron, F., Alqahtani, S.N., Alkholly, S.O., Haque, D., and Ferreira, M.P. 2015. Native/Aboriginal students use natural health products for health maintenance more than other university students. International Journal of Complementary and Alternative Medicine. 1(3): 1-9

Ferreira, M.P., Palmer, J., McKenna, B., and **Gendron, F.** 2015. A traditional elder's anti-aging cornucopia of North American plants. Foods and dietary supplements in the prevention and treatment of disease in older adults. *Edited by R.R. Watson*, Academic Press, Elsevier. Oxford, UK. pp. 3-11.

Nilson, S., **Gendron, F.**, Bellegarde, J., McKenna, B., Louie, D., Manson, G., and Alphonse, H. 2014. Preliminary scientific investigation of the effectiveness of the medicinal plants *Plantago major* and *Achillea millefolium* against the bacteria *Pseudomonas aeruginosa* and *Staphylococcus aureus* in partnership with Indigenous Elders. Global Journal of Research on Medicinal Plants and Indigenous Medicine. 3(11):402-415.

Ferreira, M.P., McKenna, B., and **Gendron, F.** 2014. Traditional elders in post-secondary STEM education. The International Journal of Health, Wellness, and Society. 3(4).

Gendron, F., Karana, R., Cyr, L.D., and Ferreira, M.P. 2014. Immunomodulatory Ethnobotanicals of the Great Lakes. *In Polyphenols in human health and disease. Edited by R. Watson, V.R. Preedy, and S. Zibadi.* Academic Press, Elsevier. Oxford, UK. pp. 453-461.

Yuzicapi, L., **Gendron, F.**, Bouch-van Dusen, R. 2013. Dakota and Lakota traditional food and tea: teachings from Elder Lorraine Yuzicapi. Pimatisiwin, 11(1):65-97.

Alkholly, S.O., Alqahtani, S.N., Cochrane, A., Ferreira, M.P., **Gendron, F.** 2013. Aboriginal and non-Aboriginal students learn about natural health products from different information sources. Pimatisiwin, 11(1):99-112.

Gendron, F., Bourassa, C., Cyr, L.D., McKenna, B., and McKim, L. 2013. The Medicine Room: a teaching tool for Elders and educational opportunity for youth. First Nations Perspectives, 5(1): 83-97.

Ferreira, M.P., **Gendron, F.**, and Kindscher. K. 2013. Bioactive prairie plants and aging adults: role in health and disease. *In* Bioactive food as dietary interventions for the aging population. *Edited by* R.R. Watson and V.R. Preedy. Elsevier Academic Press, San Diego. pp. 263-275

Ferreira, M.P., **Gendron, F.**, McClure, K.C. and Kindscher. K. 2012. North American bioactive plants for human health and performance. Global J Res. Med. Plants & Indigen. Med. 1(11): 568-582.

Ferreira, M.P., **Gendron, F.** 2011. Community-based participatory research with traditional and indigenous communities of the Americas: Historical context and future directions. International Journal of Critical Pedagogy. 3(3), p.153-168.