

The 17 Sustainable Development Goals (SDGs) were unanimously adopted by the United Nations General Assembly in 2015 as a plan of action to create a more prosperous, inclusive, and sustainable future.

The purpose of this SDG Career Guide is for McGill students to use the framework of the SDGs to guide their career and to map their career path to the SDGs. For those who are yet to make up their mind about what they want to do in the future, the SDGs provide a comprehensive picture of global problems and opportunities for change. For those who have a clear idea about their future career, they will (very likely) see that they can contribute to one, if not multiple, SDGs.

In the ensuing sections, you will first learn about the general background of the SDGs. Next, there will be a page for each SDG, where you will find 7 Canadian NGOs and 7 job titles that are associated with that SDG. Please note that the list we have compiled is by no means exhaustive. 5 professionals working toward the SDGs will also be sharing what their job entails, how they contribute to the SDGs, and their career advice. Finally, pages 26-27 contains a list of 68 job search boards divided by thematic groups under the SDGs.

This SDG Guide is prepared by members of the McGill SDG Student Hub, the McGill Career Planning Service, and the McGill Office of Sustainability. Please note that McGill does not endorse any organization listed in this document. The list is non-exhaustive and serves only as a reference to assist your job research.

We acknowledge that McGill University is situated on unceded Indigenous territory, home to the Kanien'kehá:ka Nation, the Haudenosaunee Confederacy and Anishinabeg Nation.



Table of Contents

1. no poverty	2
2. zero hunger	3,4
3. good health and well-being	5
4. quality education	6,7
5. gender equality	8
6. clean water and sanitation	9
7. affordable and clean energy	10, 11
8. decent work and economic growth	12
9. industry, innovation and infrastructure	13
10. reduced inequalities	14
11. sustainable cities and communities	15
12. responsible consumption and production	16,17
13. climate action	18, 19
14. life below water	20
15. life on land	21
16. peace, justice, and strong institutions	22
17. partnerships for the goals	23

Description

The History:

Building on the success of the Millennium Development Goals (MDGs) adopted in 2002, the 17 Sustainable Development Goals (SDGs) were proposed at the Rio+20 Summit in 2012 and unanimous adopted by 193 countries in the UN General Assembly in 2015. 169 targets accompany the 17 goals, setting out quantitative and qualitative objectives that will be achieved by 2030.

The Vision:

The SDGs provide a comprehensive framework for addressing the most pressing global challenges of our time, calling for collaborative action from all countries and stakeholders to balance the three dimensions of sustainable development: economic growth, social inclusion, and environmental sustainability.

The Goals:

The 17 SDGs are the following: 1) no poverty; 2) zero hunger; 3) good health and wellbeing; 4) quality education; 5) gender equality; 6) clean water and sanitation; 7) affordable and clean energy; 8) decent work and economic growth; 9) industry, innovation, and infrastructure; 10) reduced inequalities; 11) sustainable cities and communities; 12) responsible consumption and production; 13) climate action; 14) life below water; 15) life on land; 16) peace, justice, and strong institutions; and 17) partnerships for the goals.

Career:

The SDGs are very helpful for career development. 1) The SDGs extend out to 2030, so they will be relevant and increasing in importance for at least the next 9 years. 2) The SDGs are interconnected, so starting a career with a focus on one of the SDGs allows one to extend naturally into working towards other SDGs. 3) The SDGs are globally recognized, so experience and skills gained from working in one region or country will often be transferrable to other locations. 4) The SDGs are cross-sectoral, being relevant to civil society, governments, business, and academia, so the skills and knowledge developed in one sector will be transferable to other sectors. 5) There is increasing research funding and jobs that require one to directly engage with the SDGs.

This Goal aims to end poverty in all its forms everywhere by establishing social protection systems, ensuring equal rights to economic resources and basic necessities, building resilience, and implementing pro-poor and gender-sensitive development policies.

Canadian NGOs:

- Canadian Council on Social Development
- Canadian Humanitarian
- Canadian Physicians for Aid and Relief
- Canada Without Poverty
- CARE Canada
- Compassion
- End Poverty Together

- public policy analyst
- community worker
- development economist
- social worker
- humanitarian worker
- economic development consultant



This Goal aims to end hunger and ensure access to safe, nutritious and sufficient food all year round, achieving food security and improving nutrition. This Goal also aims to promote sustainable agriculture by adapting to climate change, building resilience, and maintaining the genetic diversity of seeds.

Canadian NGOs:

- Action Against Hunger
- Canadian Feed the Children
- Food Banks Canada
- Food for the Hungry
- Food for the Poor
- Food Insecurity Policy Research
- Food Secure Canada
- Indigenous Food First
- Second Harvest

- agronomist
- nutritionist
- agriculture specialist
- agricultural policy researcher
- sustainable agriculture consultant
- vertical farming worker



Featured Quote:



Omar Elsharkawy

Program Manager at Food Secure Canada

Where do you work? What is your job title? What does your job entail?

I work as a Program Manager at Food Secure Canada (Réseau pour une alimentation durable en français). My job entails a mix of policy analysis, project management, and community building/engagement.

How does your work relate to SDG 2?

I work on a collective, and participatory process with civil society members to identify and propose pathways towards food system transformation. Meeting the SDGs, including Goal 2, will not be possible without transforming our food system into one that puts people and planet first.

What advice do you have for students who are interested in pursuing a career related to SDG 2?

Get involved in your immediate community and commit to collaboration. Many solutions and innovations towards meeting the SDGs lie within local communities and in bottom-up approaches. A lot of this work requires a collective effort and systems-wide solutions. Therefore, the more perspectives you have, the better.



This Goal aims to ensure healthy lives and promote well-being for all at all ages. Specific indicators that serve as proxies include: maternal mortality ratio, preventable deaths of children, epidemics of infectious diseases, premature mortality from non-communicable diseases, substance abuse, road traffic accidents, sexual and reproductive health, and deaths from pollution. This will be achieved with universal health coverage, research and development of vaccines and medicines, increased health financing, and improved national healthcare systems.

Canadian NGOs:

- Across Boundaries
- Alliance for Healthier Communities
- Canadian Alliance on Mental Illness and Mental Health
- Canadian Association for Global Health
- Doctors without Borders
- **HCare**
- Sports for Life
- Wellness Together Canada

- health officer
- health policy researcher
- doctor
- nurse
- · healthcare administrator
- medical researcher



This Goal aims to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. The targets include free, equitable and quality primary and secondary education, equal access to affordable and quality vocational and tertiary education, literacy and numeracy, and education on sustainability. This requires increasing the supply of qualified teachers, expanding scholarship opportunities to developing countries, and upgrading education facilities.

Canadian NGOs:

- AFS Interculture Canada
- Beautiful World Canada Foundation
- Children's Aid Foundation of Canada
- First Book Canada
- Pathways to Education
- Society for Quality Education
- Students Offering Support
- Teach for Canada

NY/

- educator
- education policy researcher
- curriculum designer
- workshop facilitator
- school administrator
- · education coordinator



Featured Quote:

99

Blane Harvey

Assistant Professor (McGill Faculty of Education)

Where do you work? What is your job title? What does your job entail?

I am an Assistant Professor in McGill's Faculty of Education where I lead the Leadership and Learning for Sustainability Lab. In this role I lead research on how we support transformative learning to address sustainability challenges. I am also an Associate with the International Institute for Sustainable Development (Canada) and the Overseas Development Institute (UK).

How does your work relate to SDG 4?

Addressing complex and uncertain development challenges like climate change requires a fundamental rethinking of how we educate future generations, in K-12 schools, in higher education, and in non-formal learning spaces like NGOs. My research looks at how we can realize the transformative potential of our education systems and identifying the barriers that need to be overcome to do so. For example, I am conducting research on the place of sustainability in teaching and research here at McGill, and how we can promote greater collaboration between disciplines and with communities beyond McGill.

What advice do you have for students who are interested in pursuing a career related to SDG4?

My suggestion to all students is to seek out real-world challenges to contribute to. Learning about working collectively to solve challenges happens best while you're doing it, and even small local challenges like starting and managing a community garden contain valuable opportunities for learning and development. You'll also be surprised who you meet when engaged in local change efforts, and how this sense of shared values and commitments can lead to new opportunities down the road.



This Goal aims to achieve gender equality and empower all women and girls. This involves ending all forms of discrimination, violence, and harmful practices against women and girls as well as recognizing women's unpaid care and domestic work, ensuring full participation and equal opportunity for leadership, and strengthening policies to promote gender equality.

Canadian NGOs:

- Aura Freedom International
- Canadian Women's Foundation
- Canadian Research Institute for the Advancement of Women
- DAWN Canada
- Equality Fund
- Woman ACT
- Women and Gender Equality Canada
- Women Transforming Cities
- Women's Legal Education & Action Fund
- YWCA Canada

- gender equality officer
- equity, diversity, and inclusion officer
- gender policy analyst
- community social worker
- reproductive healthcare worker



This Goal aims to ensure availability and sustainable management of water and sanitation for all. This involves universal and equitable access to safe and affordable drinking water, access to adequate and equitable sanitation and hygiene, reducing pollution and dumping, increasing water use efficiency, protecting water-related ecosystems, and implementing integrated water resources management.

Canadian NGOs:

- Canadian Water Resources Association
- Charity: Water
- Lifewater
- Living Water International
- Thirst Project
- Water First
- Water for people
- WaterAid

- hydrologist
- water treatment engineer
- drinking water treatment operator
- water distribution operator
- water policy analyst
- water resource manager



This Goal aims to ensure access to affordable, reliable, sustainable and modern energy for all. This involves substantially increasing the use of renewable energy, energy efficiency, to clean energy research and technology development, and achieving universal access to energy services.

Canadian NGOs:

- Canadian Renewable Energy Association
- Clean Energy Canada
- Clean Foundation
- Efficiency Canada
- Energy for All
- Energy for Opportunity
- Engineers without Borders
- Planetary Association for Clean Energy, Inc.

- renewable energy engineer
- · renewable energy policy analyst
- electrical engineer
- energy consultant
- solar engineer
- · wind turbine field service technician

Featured Quote:



Nicholas Gall (Canadian Renewable Energy Association)

Director — Distributed Energy Resources — Canadian Renewable Energy Association (CanREA)

How does your work relate to SDG 7?

CanREA is an industry association representing companies developing wind energy, solar energy and energy storage across Canada. In my role, I engage with regulatory agencies and with governments at both federal and provincial levels to advocate for policies, programs and regulatory reforms that will help make renewable energy and energy storage more affordable and accessible for all Canadians.

What advice do you have for students who are interested in pursuing a career related to SDG7?

There has never been a better or more exciting time to be working on clean energy, and there are so many opportunities for every skill set, from power systems engineering to digital communications and marketing to finance. If you don't have a STEM background, it's helpful to have some foundational knowledge of renewable energy technologies and how electricity works, so I would recommend checking out some of the excellent courses available for free online, and reading as much as you can about the sector.



This Goal aims to promote sustained, inclusive and sustainable economic growth, achieved through diversification, technological upgrading, innovation, entrepreneurship, and resource efficiency. This Goal also aims to ensure full and productive employment and decent work for all, reduce the proportion of youth unemployment, eradicating forced labour, protecting labour rights, promoting sustainable tourism, and expanding access to banking and insurance.

Canadian NGOs:

- Access Employment
- Canadian Community Economic Development Network
- Canadian Executive Service Organization
- Economic Developers Association of Canada
- LEAP Pecaut Centre for Social Impact
- Jumpstart
- United Way Centraide Canada
- World Accord

- labour rights activist
- · economic advisor
- economic development consultant
- · legal aid officer
- world trade specialist
- business analyst



This Goal aims to 1) build resilient infrastructure and retrofit buildings and industries to make them sustainable, 2) promote inclusive and sustainable industrialization, increasing access to financial services, and 3) foster innovation by enhancing scientific research and increasing access to information and communications technology.

Canadian NGOs:

- Business Development Bank of Canada
- Canada Foundation for Innovation
- Community Futures Network of Canada
- **Green Policy Platform**
- HealthCareCAN
- Infrastructure Canada
- Innovation, Science and Economic Development Canada
- New Digital Research Infrastructure Organization

- entrepreneur
- industrial engineer
- scientist
- researcher
- innovation manager
- business designer



This Goal aims to reduce inequality within and among countries. This involves achieving social, economic and political inclusion, ensuring equal opportunity, reducing inequalities of outcome, implementing fiscal, wage and social protection policies, improving regulation of global financial markets, enhancing representation in decision-making bodies, and ensuring safe migration and mobility of people.

Canadian NGOs:

- Canadian Association for Equality
- Canadian Centre for Diversity and Inclusion
- Community Foundations of Canada
- Egale
- Equal Pay Coalition
- Equal Voice
- Equitas
- Oxfam Canada

- equity officer
- economic inclusion officer
- community-based protection officer
- social impact consultant
- social equity policy analyst
- fundraising coordinator



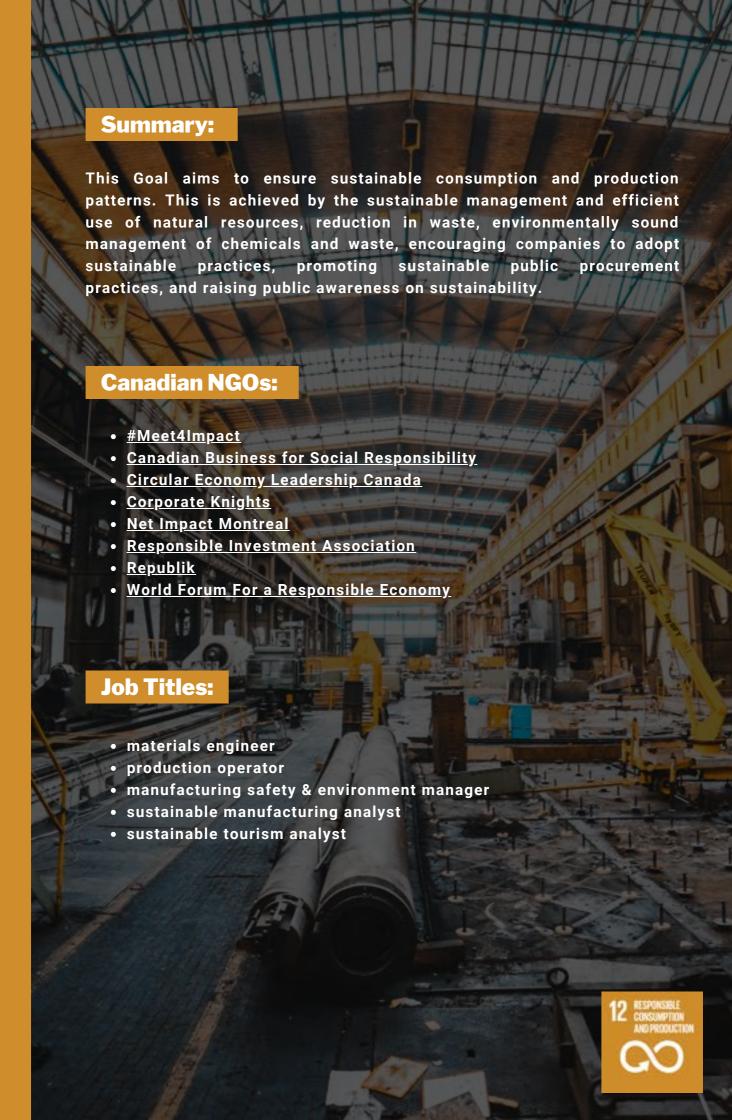
This Goal aims to make cities and human settlements inclusive, safe, resilient and sustainable. This is achieved by ensuring access to 1) adequate, safe and affordable housing, 2) safe, affordable, accessible and sustainable transport systems, 3) inclusive and participatory city planning, 4) safe, inclusive and accessible, green and public spaces, and 5) reducing the adverse environmental impact of cities.

Canadian NGOs:

- Centre d'écologie urbaine de Montréal
- · Centre for Equality Rights in Accommodation
- Community Foundations of Canada
- Green Communities Canada
- Local Governments for Sustainability
- Rooftops Canada
- The Depot Community Food Centre

- urban designer
- urban policy analyst
- transportation policy analyst
- community planner
- architect
- green building consultant





Featured Quote:



Alan Young (Circular Economy Leadership Canada)
Co-Director of the Materials Efficiency Research Group (MERG)

Where do you work? What is your job title? What does your job entail?

I am co-director of the <u>Materials Efficiency Research Group (MERG)</u>, a small values-based consultancy formed in 2002 to advance responsible practices in the extractive sectors (mainly mining). Our clients include NGOs, governments, think tanks and companies who are interested in how to reduce environmental and social impacts, while creating incentives and benefits for businesses and communities to engage in verifiably responsible business practices. Most of my work is focused on convening multi-stakeholder (including rights holders) dialogues to help define/inform problem definition and solution design.

How does your work relate to SDG 12?

My entry into this world was related to the need to reduce the impacts of industrial mining projects on local ecosystems, economies and cultures. But it was informed by the inconvenient truth that we all are using a lot of minerals in our day to day life and that many communities also seek economic benefits from mineral development (when it is done responsibly and benefits are shared appropriately). Along with a number of NGO colleagues, we started to look upstream (to buyers of minerals like jewelry, electronics and automotive companies) to ask how they saw that saw the need for responsible sourcing being part of their business model. A significant percentage of my work has focused on "circular economy" strategies and practices that encompass many SDG12 goals. This work has included convening cross sector groups of experts and organizations, as well as undertaking analysis of key trends, challenges and opportunities to advance circular economy approaches, particularly as they relate to the mining and minerals sector.

How does your work relate to SDG 12?

There are quite a variety of ways to approach this work, from the technical to economic/financial, as well as from a policy perspective, however a common thread is the need to weave these different elements into integrated solution strategies. So experience with interdisciplinary work is crucial. A key element of my work is facilitation and mediation of multi-sector groups seeking solutions that work for multiple actors and multiple problems, simultaneously. Don't be shy about approaching potential mentors, as many of us working in the field are keenly interested in the supporting and nurturing the next generation of practitioners, innovators and leaders.



This Goal aims to take urgent action to combat climate change and its impacts, including strengthening resilience and adaptive capacity to climate-related hazards, integrating climate change measures into national policies, improving education and awareness on climate change, and establishing the Green Climate Fund with 100 billion annually to address the needs of developing countries.

Canadian NGOs:

- Canadian Institutes for Climate Choices
- Citizens' Climate Lobby
- Climate Action Network Canada
- Climate Caucus
- Community Energy Association
- **EcoJustice**
- GreenUP
- Sustainability Network

- climate scientist
- climate policy analyst
- climate change and sustainability consultant
- conservation scientist
- climate activist
- environmental lawyer





Featured Quote:



<u>Caroline Brouillette (Climate Action Network Canada)</u>

National Policy Manager at Climate Action Network - Réseau action climat Canada (CAN-Rac)

Where do you work? What is your job title? What does your job entail?

I am the National Policy Manager at Climate Action Network - Réseau action climat Canada (CAN-Rac), Canada's farthest-reaching network of organizations working on climate and energy issues. CAN-Rac is a coalition of more than 130 organizations operating from coast to coast to coast. Our membership brings environmental groups together with trade unions, First Nations, social justice, development, health and youth organizations, faith groups and local, grassroots initiatives.

How does your work relate to SDG 13?

My job is to work with our membership to influence Canada towards doing its fair share of the global effort to limit global warming to 1.5°C. In my day-to-day, I spend a lot of time making sense of the latest climate policy and political developments and working strategically with civil society to move the dial towards a just and sustainable future. I engage with government officials and participate in policy-making processes and communicate what climate policy entails to the media. Avoiding the worst effects of the climate crisis will require the adoption of laws and regulations commensurate with the problem, the election of decision-makers who have the courage to face the emergency, and the accountability that will be required of those who have enriched themselves by polluting our atmosphere. This will go through social and economic justice. The power to make this happen, by imposing political consequences on inaction, lies with social movements.

What advice do you have for students who are interested in pursuing a career related to SDG7?

Joining student- or citizen-based initiatives and groups is not only where students can have a big positive impact on confronting the crisis, but also a great place to learn about the different aspects of the fight for climate justice, and build lasting relationships in this space! Many of my colleagues and friends have started in this sector by participating in the climate movement.

13 CLIMATE



This Goal aims to conserve and sustainably use the oceans, seas and marine resources for sustainable development. This involves preventing and significantly reducing marine pollution, sustainably managing and protecting marine and coastal ecosystems, addressing the impacts of ocean acidification, regulating harvesting, and ending overfishing.

Canadian NGOs:

- Aquatic Biosphere Project
- David Suzuki Foundation
- Oceana
- Ocean Networks Canada
- Ocean Wise
- Plastic Oceans Foundation Canada
- SeaBlue Canada
- World Wildlife Fund Canada

- marine biologist
- oceanographer
- fishing policy analyst
- marine conservation analyst
- marine protection activist
- marine environment educator



This Goal aims to protect, restore and promote sustainable use of terrestrial ecosystems (including inland freshwater ecosystems), sustainably manage forests, combat deforestation and desertification, reverse land degradation, and halt biodiversity loss.

Canadian NGOs:

- Canadian Environmental Network
- Canadian Wildlife Federation
- Canadian Parks and Wilderness Society
- Nature Conservancy Canada
- Sierra Club Canada Foundation
- Sustainable Forestry Initiative
- Wildlife Habitat Canada
- World Wildlife Fund Canada

- forest and conservation technician
- forest inspection specialist
- environmental compliance inspector
- park ranger
- wildlife protection activist
- · wildlife biologist



This Goal aims to promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. This involves reducing all forms of violence, ending abuse, trafficking, and violence against children, promoting national and international rule of law, significantly reducing illicit financial and arms flows, substantially reducing corruption and bribery, ensuring responsive, inclusive, participatory and representative decision-making, providing legal identity for all, and protecting fundamental freedoms.

Canadian NGOs:

- Amnesty International Canada
- Aura Freedom International
- Citizens for Public Justice
- Human Rights Watch
- Global Peace Centre Canada
- Nonviolent Peace
- Peace and Conflict Studies Association of Canada
- Quakers Canadian Friends Service Committee

- human rights activist
- human rights policy analyst
- politician
- legislative assistant
- lawyer
- · public affairs consultant



This Goal aims to strengthen the means of implementation and revitalize partnership for sustainable development. This involves mobilization. increasing domestic resource developed countries implementing fully their official development assistance commitments, additional financial resources for developing enhancing regional and international cooperation promoting development, transfer, dissemination and diffusion of environmentally sound technologies, implementing an equitable multilateral trading system, and encouraging multi-stakeholder partnerships.

Canadian NGOs:

- 2030 Cabinet
- Canadian Centre for Policy Alternatives
- Capacity Canada
- Cooperation Canada
- Institute for Research on Public Policy
- Leading Change
- Philanthropic Foundations Canada
- Standards Council of Canada

- diplomat
- foreign policy analyst
- business partnership advisor
- international relations specialist
- director of international relations
- political journalist



Job Boards

International Development

- CAIDP
- Cooperation Canada
- Development Aid
- <u>Devex</u>
- <u>DevJobs</u>
- DevNetJobs
- ICRC
- INdev Jobs
- NGO Pulse

Non-Profit & Impact Career

- 80,000 Hours
- Bmeaningful
- Charity Village
- Charity World Works
- Community Outreach Canada
- Connect Nonprofit Jobs
- ECV0
- First Nations Job
- <u>Idealist</u>
- Impact
- Impactpool
- The Chronicle of Philanthropy
- PND
- Reach Hire
- Work in NonProfits
- YMCA Quebec

Food Security & Sustainable Agriculture

- AG Careers
- Agricultural Labour Pool
- FA0
- Food Security Cluster
- Food System Professional Jobs
- FoodWork.ca
- Onion Grassroots Jobsource
- Sustainable Agriculture Jobs, Internships and Apprenticeships Facebook



Conservation & Green Careers

- BioTalent Canada
- Canadian Environmental Network
- Conservation Careers
- Conservation Job Board
- Eco Canada
- Forestry Jobs in Canada
- Good Work Canada
- Renewable Energy Jobs
- Renewable Jobs
- Work Cabin
- WWF

Health & Wellbeing

- Canadian Red Cross
- Consortium of Universities for Global Health
- Emplois santé Montréal
- Global Health Council
- Global Health Jobs
- Médecins Sans Frontières
- Travel Nurse Source
- World Health Organization

Work With Animals

- Animal Advocacy Careers
- Association of Zoos & Aquariums Job Board
- Canadian Wildlife Federation Job Board
- Canadian Society of Zoologists Job Board
- Ecological Society of America Job Board
- Society for Conservation Biology Job Board
- Texas A&M Department of Wildlife and Fisheries Sciences Job Board
- The Wildlife Society

General Job Search Engines

- Eluta
- Glassdoor
- Indeed
- Job Bank Canada
- Jobboom
- <u>LinkedIn</u>
- Monster
- TalentEgg Canada

For McGill Students Only

• <u>myFuture</u>



