



PhD graduates from McGill University's Faculty of Science go on to pursue a variety of roles across employment sectors. Read on to explore what types of job functions McGill alumni perform and where.

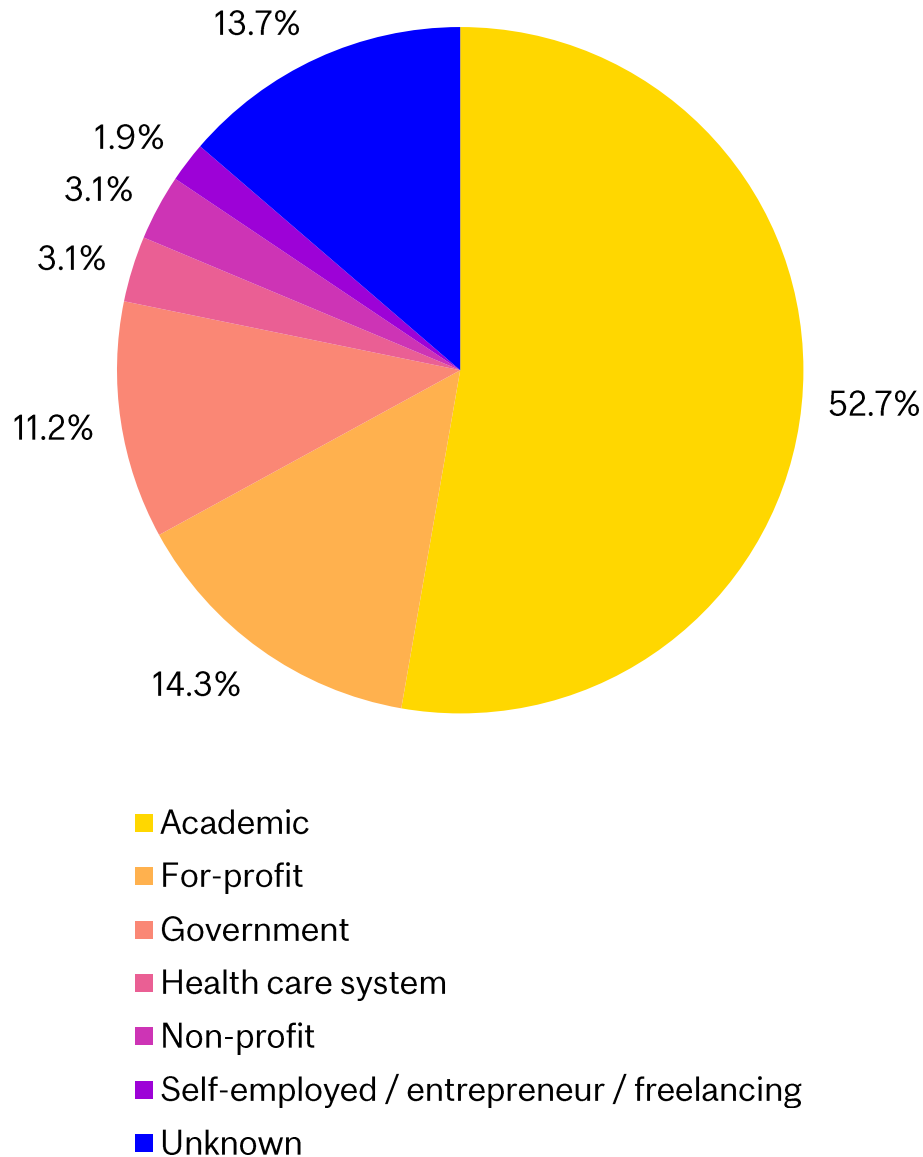
In this McGill Science Careers Brief:

- ✚ Employment outcomes data for PhD alumni of the Department of Biology from the [TRaCE McGill Project](#)¹
- ✚ Resources to explore career opportunities and to develop the skills that connect your academic studies to your professional future

This Careers Brief is intended to aid current and prospective doctoral scholars in their career development. Exploring career options via outcomes data and exploring your interests and values, as well as developing skills, via the resources provided are all important steps in the process of career navigation.

¹ The TRaCE (Track, Report, and Connect, Exchange) McGill project explored the employment outcomes of McGill University PhD alumni graduating between 2008 and 2018 (5,253 graduates).

Where do McGill Biology PhD alumni work? Sectors of Employment

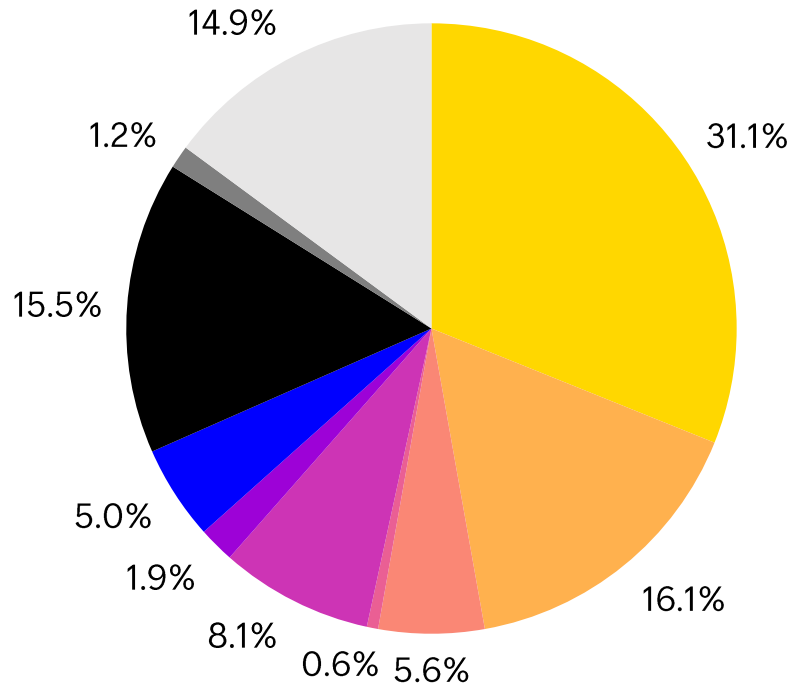


N = 161
*McGill TRaCE Study (2019)*²

² This figure depicts a snapshot of employment outcomes for McGill PhD alumni from a data scrape conducted in 2019-2020. For detailed methodology of the McGill TRaCE Study, please consult <http://tracemcgill.com/> to access the quantitative report.

In what roles do McGill Biology PhD alumni work?

Job Functions



- Academic non-tenure-track
- Academic tenure-track
- Administration
- Artist
- Expert practice (e.g., consultant)
- Information / communications / media
- Management / policy / leadership
- Non-academic research
- Sales and marketing
- Unknown

N = 161
 McGill TRaCE Study (2019)^{3,4}

³ This figure depicts a snapshot of employment outcomes for McGill PhD alumni from a data scrape conducted in 2019-2020. For detailed methodology of the McGill TRaCE Study, please consult <http://tracemcgill.com/> to access the quantitative report.

⁴ Examples of job function classifications can be found at the end of this document (p. 5) and in the TRaCE McGill Quantitative Report.

McGill Resources – Professional and Career Development

- ✦ [myPath](#) Individual Development Plan Tools (explore your interests, values, & skills)
- ✦ McGill's [Individual Development Framework](#) (identify skills to develop)
- ✦ [Skillsets](#) offerings (develop your skills) / [Teaching and Learning Services](#) (e.g., 3MT) / [Our Shared Spaces](#) (equity workshops)
- ✦ [CaPS](#) (e.g., grad job seekers seminars, appointments, career panels like Industry Insider)
- ✦ [GPS](#) (e.g., [Doctoral Internship Program](#), [Graduate Mobility Awards](#), etc.)
- ✦ [TRaCE McGill](#) (quantitative report and narratives of alumni)
- ✦ [Campus Life & Engagement](#) (e.g., [leadership](#))
- ✦ [McGill Library workshops](#)
- ✦ [Graphos](#) (McGill Writing Centre)
- ✦ [Wellness Hub](#) (e.g., local wellness advisors, grad breakfast club)
- ✦ [PGSS](#) (e.g., events, [keep.MEsafe](#))

If you could go back in time to tell yourself something about your graduate journey, what would it be?

“Talk to as many people as possible and learn about the different careers that exist that make use of a science background. Determine how your graduate training can help you on the job market. Determine what tasks you like and dislike... Hold as many informational interviews as it takes until you find the right fit. Don’t be shy—be humble and be honest and reflect as much as possible on your past experiences so that you can share these reflections with others. Finally, don’t be afraid to make mistakes.” – Yasmin D’Souza, PhD 2013 ([TRaCE Narratives](#))

Job Function Classifications⁵

- Academic, non-tenure-track, for example:
 - Postdoc,
 - Research Associate, etc.
- Academic, tenure-track, for example:
 - Assistant Professor
- Non-academic research, for example:
 - Researcher in industry,
 - Researcher at a policy agency,
 - Researcher in a non-profit organization, etc.
- Administration, for example:
 - Administrator,
 - Project Coordinator, etc.
- Information, communications, media, for example:
 - Communications Officer,
 - Journalist, etc.
- Sales and marketing, for example:
 - Marketing Specialist
- Management, policy, and leadership, for example:
 - Lead Policy Advisor,
 - Director, etc.
- Artist, for example:
 - Writer
- Teaching and training, for example:
 - Non-college or CEGEP, non-university,
 - K-12 Teacher,
 - Instructor, etc.
- Expert practice, for example:
 - Consultant,
 - Data Scientist, etc.
- Unknown

⁵ Job function classifications presented here are from the TRaCE McGill quantitative report and encompass all available options from that study; not all options may be represented in the data presented in this Careers Brief.