PhD Position
Yeaman Lab
Department of Biological Sciences, University of Calgary

I am seeking to recruit a PhD student interested in studying how evolution works. My lab has mainly pursued questions related to adaptation using theory & simulation approaches to generate predictions and genomic data to test them. We have worked on a range of organisms, from parasitic nematodes to stickleback to conifers, and have ongoing projects in many of these areas. I'm also very open to helping you develop a new study area of your own design. Additionally, I am very interested in working on similar questions in cultural evolution, and would be particularly enthusiastic about collaborating with a student on work in this area, as a complement to work on genetic evolution. The genetics of local adaptation to climate in conifers remains a main area of research in my lab, so field work in the Canadian Rockies is always an option – we have an ongoing project studying the genetics of hybridization and adaptation to montane environments in two species of spruce. On the other hand, if you're more of a drylab person – and this applies to most of my lab members, there is a wealth of existing data and plenty of opportunities to generate and analyse new data.

For international students: I would love to hear from you! It is sometimes hard for me to evaluate the meaning of grading systems in different countries, so if you can provide some context there, that would be really helpful for me (e.g. explain what percentage of students achieve similar marks, point out particularly noteworthy achievements). Similarly, if some kind of adversity has meant you might not look as competitive based on your CV, please let me know. I'm most interested in recruiting someone with great ideas and curiousity – and this isn't necessarily well-represented by the traditional CV.

TO APPLY: Please send a CV and a short description of your academic interests to samuel.yeaman@ucalgary.ca, along with the names and emails of three people I could contact as references. For students that have published: please let me know what you contributed to each paper. Please also send a sample of your writing – something that represents your best work (not necessarily published). I will begin reviewing applications on March 15th 2023, but please contact me to check in if you need to make a quicker decision.