Postdoctoral Teaching and Research Fellow: Living Data Project for ecology, evolution and environmental science

Review of applications will begin Oct 31, 2021 and will remain open until position is filled.

We seek a full-time postdoctoral teaching and research fellow to join the Living Data Project at the University of Regina (“U of R”). The Living Data Project is a national initiative, led by the Canadian Institute of Ecology and Evolution (CIEE), to (1) preserve - using best practices in digital archiving and data management - legacy datasets in ecology, evolution and environmental science; (2) synthesize scientific data and concepts using collaborative team approaches; and (3) provide training for graduate students and other early career researchers in data management, reproducible research, synthesis statistics and scientific collaboration. The postdoctoral fellow will be responsible for training and mentorship of graduate students involved in Living Data Project courses, including students from U of R and other CIEE member universities. The postdoctoral researcher will also assist in the organization of data rescue internships with academic and non-academic researchers, and organize, in collaboration with similar postdoctoral fellows located at other Canadian universities, multi-institutional training events such as workshops and working groups. The postdoctoral fellow will also develop and pursue research compatible with the goals of the Living Data Project, including through the working groups and research collaborations with Dr. Kerri Finlay (U of R) and other Living Data Project members. U of R faculty will assist the postdoctoral fellow in designing and implementing their own customized professional development plan.

We seek a highly qualified individual with a PhD in ecology or environmental science who has demonstrated exceptional skills in data management, statistical analysis, and scientific collaboration, with a preference for individuals with an interest in aquatic biogeochemistry, greenhouse gas dynamics, and/or water quality. Priority will be given to candidates who have proficiencies in at least some of the following skills: data archiving, R programming, version control (e.g. GitHub), reproducible research, database construction, collation of large databases from multiple sources, citizen science, advanced statistics (e.g. hierarchical modelling, structural equation models, meta-analysis), and collaborating in working groups. We particularly encourage candidates with prior experience in teaching or mentoring of the above skills. Candidates should also have: excellent organizational, interpersonal, and communication skills; fluency in spoken and written English; and a strong personal commitment to research and teaching. French language skills are also an asset.

Applicants should submit a CV, statement of relevant experience and training, and the names and contact information (including phone and e-mail) of up to three references to: Dr. Kerri Finlay via kerri.finlay@uregina.ca. Review of applications will begin Oct 31, 2021 and will remain open until filled with the appointment anticipated to begin no later than January 1, 2022.
The appointment is initially for one year, and following a successful performance review the candidate may be reappointed for a second year ending Dec 31, 2023. The successful applicant will receive a salary of $4062 per month plus benefits.

The University of Regina hires on the basis of merit and is committed to employment equity. All qualified candidates are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority. The position is subject to final budgetary approval.

The University of Regina is committed to an inclusive workplace that reflects the richness of the communities that we serve. The University welcomes applications from all qualified individuals, including individuals within the University's employment equity categories of women, persons with disabilities, members of visible minorities, Indigenous persons, individuals of diverse gender and sexual orientation and all groups protected by the Human Rights Code.

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The University of Regina is situated on Treaty 4 lands with a presence in Treaty 6. These are the territories of the nêhiyawak, Anihšinápēk, Dakota, Lakota, and Nakoda, and the homeland of the Métis/Michif Nation.