Job posting

Position: Instructor, Population Health and Geographic Information Systems (GIS)

Posting Date: May 20, 2020

Closing Date: Posting will remain open until the position is filled

Format: Online

Date: September 7-December 4, 2020

Pay Rate: $6250 plus 4% vacation pay

Continuing education has been an integral part of the University of Victoria since its inception in 1963. Today, the Division of Continuing Studies (DCS) provides adult and continuing education programming in co-operation with UVic faculties and community partners. We offer a comprehensive portfolio of programs in a range of academic disciplines, using diploma, certificate, degree and other programming models to serve adult, part-time, international and geographically dispersed students.

Position summary:

The Division of Continuing Studies is interested in developing long-term relationships with superior instructors who have high professional standards, excellent communication skills, enthusiasm and a commitment creating learning experiences immersed in adult education principles.

We are seeking a professional who desires the opportunity to share their knowledge and experience in the field of Population Health Data Analysis. The successful candidate will be familiar with epidemiological study design and analysis methods. The ideal candidate will have a Ph.D. in the field of epidemiology or Population and Public Health with related research experience in geospatial analysis. Experience applying spatial statistics to epidemiological studies and proficiency in SAS programming and use of administrative health data will be considered an asset.

Qualifications:

Applicants must have:

- A minimum of a Master's degree in Epidemiology, Public health, Geography, Environmental Health or related disciplines.
- Research and/or work experience in the field of epidemiology and Population and Public Health.
- Technical knowledge and experience using ESRI ArcGIS software.
- Excellent interpersonal, communication, and facilitation skills.
- Previous teaching experience (designing content for a course, training or presentation) is preferred.
- Teaching experience; knowledge in distance education considered an asset.
Course description:
In this course, students will learn about:

• the geographic nature of population and public health
• how geographic data are incorporated into health research
• key considerations in spatial analysis
• the applications of Geographic Information Systems (GIS) to health research and population and public health
• Throughout the course, students will gain hands-on experience working with a wide range of spatial data and analysis methods using ArcGIS within a Secure Research Training Lab (SRTL) accessed via VPN and Remote Desktop.

Learning objectives

• Identify the importance of the geographic nature of population health.
• Explain basic concepts of spatial data as they apply to health data and population health applications.
• Identify major uses of GIS in population health.
• Use GIS to map health data.
• Apply a number of spatial techniques to analyze health data.
• Critically interpret spatial approaches and methodology in population health.

For further information about the Professional Specialization Certificate in Population Health Data Analysis, please visit Population Health Data Analysis.

The PHDA fully online, non-credit courses are offered as a partnership between Population Data BC, the University of Victoria, Division of Continuing Studies and the Department of Geography.

How to apply:
Please submit a cover letter and current resume (in pdf format) to:
Ash Moosavi, Program Coordinator
Division of Continuing Studies University of Victoria
phdacoord@uvic.ca

We would like to thank all applicants in advance for submitting their resumes. Please note, only those candidates chosen to continue through the selection process will be contacted.

Equity statement:
The University of Victoria is an equity employer and encourages applications from women, persons with disabilities, members of visible minorities, Aboriginal Peoples, people of all sexual orientations and genders, and others who may contribute to the further diversification of the University. All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadians and permanent residents will be given priority.