

DR. MARK CHERRIE

Specialising in data analytics and digital tools to help individuals and organisations improve the environment and public health.

EDUCATION

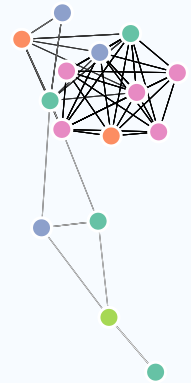
- 2015
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2012
- **PhD. Environmental Epidemiology**
European Centre for Environment and Human Health, Peninsula College of Medicine and Dentistry
Truro, Cornwall
• Analysing the association between ultraviolet radiation, vitamin D and allergic diseases
 - **M.A., Geography**
School of Geosciences, University of Edinburgh
Edinburgh, Scotland

RESEARCH EXPERIENCE

- current
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2020
- **Senior Scientist (Environment and Health)**
Institute of Occupational Medicine
Edinburgh, Scotland
 - **Postdoctoral Research Assistant (CRESH & HDRUK)**
School of Geosciences, University of Edinburgh
Edinburgh, Scotland
 - **Postdoctoral Research Assistant (MEDMI)**
European Centre for Environment and Human Health, Peninsula College of Medicine and Dentistry
Truro, Cornwall
 - **Data Scientist Intern (Dot.Rural hub)**
University of Aberdeen
Aberdeen, Scotland

TEACHING EXPERIENCE

- current
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2022
- **Lecturer (Occupational and Environmental Epidemiology, elective as part of MSc Public Health)**
Online
Edinburgh, Scotland

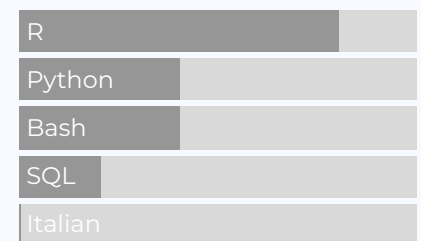


View this CV online with links at www.markcherrie.com

CONTACT

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- 🌐 github.com/markocherrie
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- 🌐 exposomaps.com

LANGUAGE SKILLS






My teaching philosophy is to engage students in active learning, using the classroom and online technologies as spaces to debate, challenge, critique and learn using a multidisciplinary approach

2021
|
2018

- **Lecturer (MSc Landscape and Wellbeing; Geography MA; GIS MSc)**
University of Edinburgh  Edinburgh, Scotland



SELECTED RESEARCH WEB APPS

- current
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2021
- **Covid Exposure Model and Risk App (CEMRA)**
<https://exposomapps.com/app/cehra>  IOM
• Funded by HSE/CSO
 - **Alcohol and Tobacco Environments in Scotland**
<https://exposomapps.com/app/alctob>  University of Edinburgh
• In collaboration with Alcohol Focus Scotland and ASH
• Funded by ESRC
 - **Pathogen seasonality and links with weather in England and Wales**
<https://exposomapps.com/app/ps>  University of Exeter
• In collaboration with UKHSA
• Funded by MRC/NERC
- 2019
|
2017
- 2016
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2015



SELECTED PUBLICATIONS, POSTERS, AND TALKS

- 2022
- **Longitudinal changes in proportionate mortality due to COVID-19 by occupation in England and Wales**
Scandinavian Journal of Work, Environment & Health  IOM
• Authored with Sarah Rhodes, Jack Wilkinson, William Mueller, Vahe Nafilyan, Martie Van Tongeren, Neil Pearce
 - **Occupational differences in SARS-CoV-2 infection: analysis of the UK ONS COVID-19 infection survey**
Journal of Epidemiology & Community Health  IOM
• Authored with Sarah Rhodes, Jack Wilkinson, Neil Pearce, William Mueller, Katie Stocking, Matthew Gittins, Srinivasa Vittal Katikireddi, Martie Van Tongeren
 - **Workplace exposure to UV radiation and strategies to minimize cancer risk**
British Medical Bulletin  IOM
• Authored with John Cherrie
• Invited Review
- 2022
- 2022

I believe that research findings should provide societal benefit and tangible impacts, beyond academia. This has led to the development of Shiny web applications that help decision making on: selection of appropriate controls to reduce risk of COVID-10 infection in workplaces, new alcohol retailer licence applications, and how public health organisations might prepare for changes in infectious disease incidence with climate change

2021

- **Ultraviolet A radiation and COVID-19 deaths in the USA with replication studies in England and Italy**
British Journal of Dermatology  University of Edinburgh
 - Authored with Tom Clemens, Claudio Colandrea, Zhiqiang Feng, David J Webb, RB Weller, C Dibben
 - Won best paper at British Association of Dermatology annual conference 2020

2021

- **A data linkage study of the effects of the Great Recession and austerity on antidepressant prescription usage**
European Journal of Public Health  University of Edinburgh
 - Authored with Sarah Curtis, Gergo Baranyi, Niall Cunningham, Chris Dibben, Clare Bamba, Jamie Pearce