Riinu Pius (Ots)
Curriculum Vitae
November 2020

PERSONAL DETAILS

Email	riinupius@gmail.com
Website	`https://riinu.me/`
GitHub	`https://github.com/riinuots/`
Asteroid	25616 Riinuots

Skills: clinical data management, information governance, quality assurance, training & supervision, data analysis, visualisation, dashboards, automatisation, database architecture, system administration.

Tools: R/RStudio, Unix shell, git, REDCap, Shiny, SQL, bootstrap, CSS, Hugo.

Book: Harrison and Pius: **"R for Health Data Science"**, *CRC Press/Chapman & Hall, November 2020.*

EXPERIENCE

Senior Data Manager `2019 - current`
Centre for Medical Informatics, University of Edinburgh

Clinical trials planning and management, information governance
Database and CRF set-up using REDCap (an EDC system) and MySQL
Quality assurance and data analysis using R/RStudio, Shiny, git
Training and supervision

Data Manager `2016 - 2019`
Clinical Surgery, University of Edinburgh
Same duties as current post, internal promotion + departmental reorganisation.

Demonstrator and tutor `2013 - 2016`
School of Geosciences, University of Edinburgh

Specialist in numerical modelling (Part-time: 0.1) `2012 - 2015`
Laboratory of Atmospheric Physics, University of Tartu

Lab assistant in numerical modelling (Part-time: 0.4) `2010 - 2011`
Laboratory of Atmospheric Physics, University of Tartu

Intern in air quality modelling `Aug-Oct 2011`
NERC Centre for Ecology&Hydrology, Edinburgh

Field Biologist `Jun-Aug 2010`
Estonian Fund for Nature, Estonia

EDUCATION

PhD Chemistry   2012 - 2016
University of Edinburgh
BSc Physics   2009 - 2012
University of Tartu

GRANTS AND AWARDS

Wellcome: Open Research Fund   2019
HealthyR Notebooks: Democratising open and reproducible data analysis in resource-poor environments
  £40,000
Principal's Teaching Award Scheme   2017
University of Edinburgh: For further development of `www.shinystats.org`
  £5,000
Estonian Students Fund in USA   2014
PhD travel bursary
  $3,000

Estonian Students Fund in USA   2013
PhD travel bursary
  $2,000

PhD stipend   2012-2016
NERC-CEH fully funded studentship
  £60,000

III award - Young researchers   2012
32nd NATO/SPS International Technical Meeting on Air Pollution Modelling and its Application, Work: "Scale-dependent and seasonal performance of SILAM model in Estonia"
  $350

II award in Environmental Sciences   2009
Intel International Science and Engineering Fair, Work: "Implementation of Thermal Plume Rise in SILAM Atmospheric Dispersion Model":
  $1,500
  The award included the naming of an asteroid after me: 25616 Riinuots.

REVIEWING

Grant proposals: Cancer Innovation Challenge   2017- 2018
Organiser: The Data Lab

Peer-review   2016
Journal: Palgrave Communications

Peer-review   2016
Journal: Environmental Pollution