Dominic Roberts

Bloomfield

Profile

Clinical psychology graduate student with experience in handling/conducting animal research, data analysis and working with criminal populations.

Academic

2017 - Present

Montclair State University
MA - Clinical Psychology (Child/Adolescent Track)
Current GPA: 4.0   Expected Graduation: 2019

2012 – 2015

Durham University
BSc (Hons) Applied Psychology   Grade: 1st Class
Modules:
Psychology in Action, Advanced Research Methods, Psychology In Health, Forensic Psychology, Applied Psychology Dissertation
Dissertation Title: Thinking Straight: An investigation into the relationship between sexual orientation and sexually dimorphic personality traits.

2010 – 2012

Hills Road Sixth Form College
A-levels:
Psychology, Maths, Computing, Chemistry, Extended Project (A*)

2005 – 2010

St. Bedes Interchurch School
GCSEs:
12 GCSEs, grade A*-B, including Maths, English and Science. Critical Thinking AS

Experience

2018 - Present

Family Services Intern (GeoGroup)
Main responsibilities: Provide individual, couples and family therapy to residents at a halfway house in preparation for their release from Correctional Services. As part of individual and family counselling, I also provide psychoeducation to the families and run workshops on mindfulness + fathering skills for the residents.

2017 - Present

Graduate Assistant (Pehrson Lab)
Main responsibilities: Conducting systematic review and meta-analysis on the doses of selective serotonin reuptake inhibitors in the forced swim task on mice. Assist with handling, feeding and weighing mice and rats within the lab. Run behavioral experiments with rodents in the lab. Helping to train a set of therapy rats.

2016 - 2017

Consumer Insights Intern
Main responsibilities: Market research; Data analysis in R, assisted NPS team with analysis/interpretation of data including responses to a very large market research survey, designed and distributed questionnaires/surveys, learned basic data science skills; random forests, gradient boosted models

2015 - 2017   **Private A-level/GCSE Tutor**
Main responsibilities: Working, one to work, with individuals to prepare them for their GCSEs/A-levels. Preparing tutorial material. Explaining concepts clearly and simply. Gained experience working with individuals with various cognitive deficits.

2010 - 2012   **Beaver Scout Assistant** (voluntary)
(*Occasional*)
Main responsibilities: Assisting beaver-scout leaders with the running of events/activities.
Supervising small groups of children. Basic housekeeping tasks as/where appropriate.

2007 – 2010   **Junior Beaver Leader** (voluntary)
(*1-3 times weekly*)
Main responsibilities: Helping to plan and run activities with the Beaver scouts.
Minor administration duties. Supervising and leading group activities.

Publications

2018   **Roberts, D., Wolfarth, A., Sanchez, C. & Pehrson, A. (2018).** Frontal cortex dysfunction as a target for remediation in opiate use disorder: Role in cognitive dysfunction and disordered reward system. In S., O'Mara (Ed.), *The Opioid System as the Interface between the Brain's Cognitive and Motivational Systems (pp 179-227).* Cambridge, MA: Academic Press.
https://doi.org/10.1016/bs.pbr.2018.07.001

Coding/Analysis

Python
Experience: 2 years
Originally used Python for the more-involved analytical work at Abcam such a using random forests and gradient boosted models.

R/R Studio
Experience: 2 years
Originally used R to analyse data at Abcam. Confident user of R for data cleaning and analysis.
Functions include: regressions, ANOVAs, meta-analysis

SPSS
Experience: 3 years
Taught to use SPSS throughout undergraduate degree. Can conduct a variety of analysis including structural equation modeling, cluster analysis and non-linear regression.

References