

Natalie Nelissen

5 Ghyll Royd, Guiseley, LS20 9LT
natalie.nelissen@gmail.com
mobile: 07582 338076

Personal statement

I am a biomedical scientist by training, with a special interest in neuroscience, digital health and care, and data analysis methodology. I enjoy working in multidisciplinary teams and finding ways to bridge the gap between theory and practice. My academic background has taught me to be a critical open-minded thinker, a creative problem solver and a life-long learner of new skills. Working in the public sector has shown me the importance of continued collaborations with all stakeholders and planning projects to ensure feasibility, relevance and impact.

Work experience

- Analysis and visualization of large datasets, including multi-domain neuro-imaging data, app and website analytics, machine learning and Geographic Information System spatial analysis
- Setting up and managing projects individually and collaborating in multidisciplinary teams
- Working with clients from local and national NHS organizations, academia, local government, third sector and commercial entities
- Oral and written presentation of scientific and technical data, ranging from public outreach to peer-reviewed publications and global scientific conferences
- Writing project proposals, grant applications, ethics applications, technical manuals, teaching materials
- Training co-workers on the job, lecturing and tutoring students, supervising undergraduate and graduate student projects, student ombudsman
- Evaluation of digital tools for health and care, including co-design with stakeholders and creation of effectiveness evaluation framework for NHS England
- Discovery phase user research including literature and market reviews, questionnaires, interviews and workshops with stakeholders
- Recruiting, testing, motivating, explaining procedures to and handling feedback from healthy volunteers and patients, including clinical trials and user testing
- Creating and maintaining websites and cognitive tests (offline and online)
- Medical image acquisition, analysis and interpretation (structural and functional MRI, DTI, MR spectroscopy and PET)

Skills

- Project design and problem solving, including co-design and multi/cross-disciplinary collaboration
- Project and time management, working as individual and in team, including Agile and remote working
- Critical thinking and active listening
- Written and oral communication (English, Dutch), including teaching
- Data manipulation using various programming languages, including Matlab/Octave, R, Python, VBA, SQL
- Simple web design (HTML, CSS, JavaScript, PHP)
- Data analytics (Google Analytics and Data Studio)
- Design and photo/video editing (Photoshop, Corel Draw, Camtasia)
- Microsoft Office (Word, Excel, Powerpoint) and Google equivalents

Employment history

Data scientist, freelance and internship program at the Leeds Institute for Data Analytics, University of Leeds (2019-now)

Data analysis and visualization, mainly working with environmental and public health data

Research fellow at mHabitat, Leeds and York Partnership NHS Foundation Trust (2016-2019)

Co-creation of digital tools for health and care, with a focus on discovery phase and evaluation

Postdoctoral researcher at the Brain and Cognition laboratory (2014–2016), the Decision and Action laboratory (2010-2014), University of Oxford, UK and the Laboratory for Cognitive Neurology (2010-2013), KU Leuven, Belgium

Human neuro-imaging in diverse fields including dementia, bipolar disorder, language and decision making

Education

- Ph.D. in Biomedical Sciences, KU Leuven, Belgium (2005-2010)
- Master of Medical Imaging (option neuro-imaging), *summa cum laude*, KU Leuven (2004-2005)
- Master in Biomedical Sciences, *summa cum laude*, KU Leuven (2002- 2004)
- Bachelor in Biomedical Sciences, *summa cum laude*, transnational University Limburg, Belgium (2000-2002)
- Secondary Education Diploma: Latin-Sciences-Mathematics, Heilig-Grafinstituut, Bilzen, Belgium (2000)

Publication list

<https://scholar.google.co.uk/citations?hl=en&user=EXTM1r0AAAAJ>