Research activity

Here is a list of all the research activity pages:

Generic List

A (/research/activity/index.aspx?AZListing_AtoZLetter=a&AZListing_List_GoToPage=1&stylemediatype=print) [illegible] (/research/activity/index.aspx?AZListing_AtoZLetter=w)

Primary Care, Population Health Research and Epidemiology (/research/activity/mds/domains/health-pop/population-health-research-epidemiology/index.aspx)

Research within this theme is determining disease aetiology and health outcomes, including the role of the environment and genes, and using such knowledge to inform the design and evaluation of population-based or clinical interventions to prevent or treat conditions of population health importance.

Project Team (/research/activity/water/projects/esrc-floods/project-team/index.aspx)

Projects - Centre for Computational Neuroscience and Cognitive Robotics (/research/activity/cncr/projects/index.aspx)

Our projects span from basic work on understanding brain function, through using advanced imaging, robotic devices and virtual reality environments to promote recovery in neurological patients, to applied work on developing intelligent robots.

Projects - Collaborative Research Network in Imaging and Visualisation (/research/activity/crni/projects/index.aspx)

Introduction page to the Projects section of the Collaborative Research Network in Imaging and Visualisation website, showcasing some examples of areas of work conducted at the University,

Projects - Geosystems (/research/activity/geosystems/projects/index.aspx)

The geosystems group undertake a number of collaborative and research theme driven projects.

PROSPER Trial: A Randomised Trial of Rectal Prolapse Surgery (/research/activity/mds/trials/bctu/trials/coloproctology/prosper/index.aspx)

PROSPER Trial: A Randomised Trial of Rectal Prolapse Surgery in the Birmingham Clinical Trials Unit

Protocol (/research/activity/mds/trials/bctu/trials/renal/astral/investigators/protocol/index.aspx)

ASTRAL is a multicentre, randomized, unblinded clinical trial, comparing revascularisation in addition to medical therapy versus medical therapy alone in patients with atherosclerotic renovascular disease (ARVD). The aim of ASTRAL is to assess whether renal arterial revascularisation with balloon angioplasty and/or endovascular stenting can safely prevent progressive renal failure among patients with ARVD. ASTRAL closed to recruitment in October 2007 having recruited 806 patients, and is now in long term follow up until 2017. The trial is managed by the BCTU at the University of Birmingham.

Psychobiology research (/research/activity/psychology/psychobiology/index.aspx)

The Psychobiology group comprises staff interested in motivated behaviours (eating, drinking, drug-taking, pain) and learning & memory.

Psychological resilience - School of Psychology (/research/activity/psychology/resilience/index.aspx)

Our work is concerned with cognitive, affective and social processes that influence behaviour and support adaptation to adversity, stress or change.

Public Health & Clinical Epidemiology (/research/activity/mds/domains/dentistry/primary-dental-care/index.aspx)

In this research area, there is a strong focus on epidemiological oral health surveys of UK and international patient populations. This has helped identify disease trends and healthcare needs and thus strongly impacts upon healthcare policy and delivery. Importantly, our novel analyses have now identified significant relationships between oral and systemic diseases, including associations between periodontal diseases and cardiovascular disease and rheumatoid arthritis.

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