

## Research activity

Here is a list of all the research activity pages:

### Generic List

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#### [Research Topics \(/research/activity/chemistry/Davies/research-topics/index.aspx\)](#)

Details on the research carried out by the Davies group (University of Birmingham, School of Chemistry)



#### [Research vacancies - Civil Engineering research \(/research/activity/civil-engineering/archive/short-term/wind/vacancies/index.aspx\)](#)

A link to a PDF document providing an insight into the kind of projects undertaken at the University of Birmingham.



#### [Research videos - Department of American and Canadian Studies \(/research/activity/acs/research/videos/index.aspx\)](#)

An index of research videos with American and Canadian Studies staff.



#### [Researching Multilingualism, Multilingualism in Research Practice \(/research/activity/education/mosaic/research/researching-multilingualism/index.aspx\)](#)

This project (2010-2013), funded by the ESRC under its Researcher Development Initiative, aimed to provide for researchers at different points in their career, advanced training and development activities which are related to the study of multilingualism and to multilingualism in research practice.



#### [Resilience and Sustainability - Civil Engineering research - Floods \(/research/activity/civil-engineering/archive/short-term/floods/index.aspx\)](#)

An introduction to hydraulic engineering research.



#### [Resilience and Sustainability - Civil Engineering research - Wind Engineering \(/research/activity/civil-engineering/archive/short-term/wind/index.aspx\)](#)

Wind engineering is becoming increasingly important because of more extreme weather events. By building what is believed to be the UK's leading research team in this subject, the aim of this research theme is to address the complex challenges posed to engineers.



#### [Resilience and Urban Living \(/research/activity/resilience/index.aspx\)](#)



#### [Respiratory Health \(/research/activity/mds/domains/health-pop/population-health-research-epidemiology/respiratory/index.aspx\)](#)

This multidisciplinary research group focuses on COPD, within a broader setting of respiratory epidemiology. Our research integrates the epidemiology of COPD, its management in primary care and translational research. The aim is to advance understanding of COPD and improve care and outcomes through linked studies and systematic reviews. There is also work on occupational asthma and smoking.



#### [RESPITE trial \(/research/activity/mds/trials/bctu/trials/womens/respite/index.aspx\)](#)

Remifentanyl intravenous patient controlled analgesia (PCA) versus intramuscular Pethidine for pain relief in labour



#### [Rheumatoid Arthritis and Periodontal Inflammatory Disease \(RAPID\) \(/research/activity/mds/projects/ii/rapid/index.aspx\)](#)

The most prevalent chronic inflammatory diseases of humans are complex disorders of multifactorial aetiology influenced by genes, the environment and their interactions. Periodontitis (PD) and rheumatoid arthritis are two such chronic inflammatory diseases associated with significant morbidity and mortality, and have recently shown to have a bidirectional association. Moreover, the prevalence of both increases substantially with age, and given both the Europe-wide ageing population and the impact of both diseases upon the economy, health and quality of life, it is clear that novel and more cost effective approaches to management are urgently required



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