

## THE COLT FOUNDATION

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### **COLT FOUNDATION FELLOWSHIPS** **IN OCCUPATIONAL/ENVIRONMENTAL HEALTH 2018**

The Colt Foundation is interested in high quality research projects in the field of occupational and environmental health, particularly those aimed at discovering the causes of illnesses arising from conditions in the workplace.

The Foundation also makes grants each year to PhD students whose subject is relevant to this field of research. The grant is normally for three years, and the stipend rate for the first year is £14,000 (£16,000 inside London), rising with inflation for the following two years. Payments will include UK/EU fees and overseas students applying would be expected to meet the difference in UK/EU and International Rates. A sum towards research expenses will also be available. Further details can be obtained from Jackie Douglas at the address shown or on the website. The grant is personal to the student, and not the department, and does not attract tax. Recent Fellowships have included the following:

- The role of microRNAs in occupational allergic contact dermatitis
- Dispersion and characterisation of bioaerosols emitted from industrial composting sites
- Human health, climate change and the bio-energy industry
- Analyses on the association of asthma with occupational exposure using data from the British 1958 Birth Cohort
- The effects of intermittent or prolonged exposure to environmentally relevant UV radiation in mammalian cells
- Development and validation of a diagnostic tool for occupational asthma based on serial lung function measurements

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- An investigation into the potential toxicological hazard of nanotubes on the lungs
- Economic evaluation of reducing occupational and environmental health hazards arising from industrial production
- Occupational risk factors affecting mental health: developing simple, theory-driven preventative strategies to target flashbacks with post traumatic stress in the workplace
- Long-term cardiovascular risk from low levels of ionising radiation: endothelial damage mechanisms
- Exertional heat illness: genetic risk factors and muscle performance
- What are the seasonal influenza vaccination uptake practices and perceptions of health care workers

Further topics are shown on our website under ‘Students’.

Applications are now invited from prospective students who are qualified in science or medicine and should include an outline of the proposed research, a CV, a strong letter of support from the proposed supervisor, and the contact details of two referees. The application must be submitted by the student personally and not the department.

**Applications must be received not later than Friday 1<sup>st</sup> September 2017 and can be emailed to Mrs Jackie Douglas, Director, The Colt Foundation at [jackie.douglas@uk.coltgroup.com](mailto:jackie.douglas@uk.coltgroup.com). A shortlist will be drawn up and applicants selected for the shortlist will be asked to attend an interview in London on 20<sup>th</sup> November 2017. Please quote reference CF18M.**

**If there are any queries, please check our website, or contact Jackie Douglas – details as shown above.**