

# Science and Technology in Medicine



## Research Project Proforma (School of Medicine)

<b>Research Title:</b>	Human exposure to aluminium
<b>Keywords (up to 5)</b>	Aluminium, Silicon, Environment, Health, Disease,
<b>Supervisor:</b> <b>Job Title:</b> <b>Department:</b> <b>Email Address:</b> <b>Telephone:</b> <b>Webpage link:</b>	Professor C Exley, The Birchall Centre, Life Sciences, <a href="mailto:c.exley@keele.ac.uk">c.exley@keele.ac.uk</a> 734080 <a href="http://www.keele.ac.uk/aluminium/">http://www.keele.ac.uk/aluminium/</a>
<b>Type of projects offered (delete as appropriate)</b>	<u>Both</u>

**(1) Outline the broad aims of your research and its medical relevance (150 words):** We are trying to understand how human beings are exposed to aluminium in everyday life and the potential consequences of this for chronic diseases including neurological conditions such as Alzheimer's disease.

**(2) Indicate the skills/techniques the student will learn (100 words)**

A wide range of potential projects are available from pilot clinical trials through to analyses of aluminium and other metals in human tissues involving a number of different analytical methods and instrumentation.

Please submit this form electronically to Prof Divya Maitreyi Chari on [d.chari@keele.ac.uk](mailto:d.chari@keele.ac.uk) by 31 July 2015