

PhD Studentship in superresolution microscopy at KCL

KING'S
College
LONDON

Two rounds
of funding
available.
Deadlines
are Dec 2
and Feb 1.

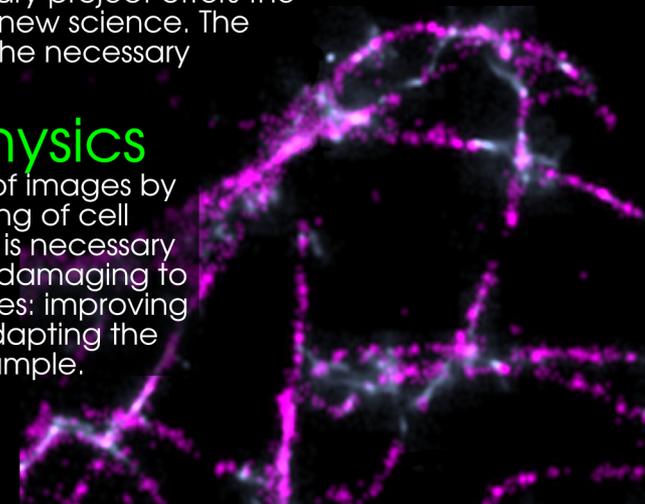
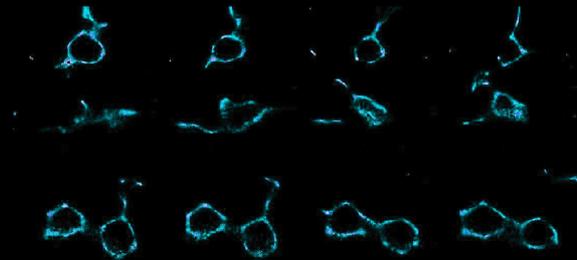
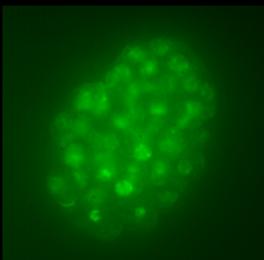
Supervisor:
Dr Susan Cox
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<http://coxphysics.com>

Machine learning or computer vision

This cross-disciplinary studentship is ideal for anyone with experience or training in image analysis, computer vision or machine learning. This interdisciplinary project offers the opportunity to refine those skills and apply them to discovering new science. The studentship includes funding for four years and will provide all the necessary training in cell biology.

Be on the cutting edge of biophysics

Superresolution fluorescence microscopy boosts the resolution of images by up to a factor of ten and is poised to transform our understanding of cell biology. To be able to observe dynamic biological processes, it is necessary to adapt the imaging process to be much more rapid and less damaging to live cells. This project will tackle this challenge from several angles: improving data analysis, use of new dyes and fluorescent proteins, and adapting the illumination method to minimise unnecessary exposure of the sample.



For more information, visit
<http://tinyurl.com/cmvdk2s>
or scan the code:

