

THE FRIENDS OF THE UNIVERSITY OF READING**GRANT APPLICATION FORM**

The Friends welcome applications from across the University that support projects which promote the welfare of the University and develop public interest in its work. Grants will not normally be made for expenditure which would generally be funded from University resources. **An application may not be considered if all the required information is not supplied.** Grants are awarded on the condition that they are publicly acknowledged and the funds are spent by 24 March next year. Further information on the grants process & previous grants awarded can be found on <http://thefriends.org.uk>

Name of Project: 3D printed DNA model

Name of Applicant Prof Christine Cardin, Dr James Hall & Kane McQuaid University Email address:
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School/Dept.: Chemistry

Telephone number 01183788215

What is the grant to fund and why is it needed? The grant will fund a 3D printed DNA model to be initially displayed at the "All of a Twist" exhibition in Reading. DNA has a complex structure which is difficult to grasp. A 3D model is a good way to aid people's understanding.

Who will benefit from the grant? The model will be used internally to aid student understanding but perhaps more significantly it will be used in outreach activities and during school visits to aid the public understanding of this fundamental building block. This will include being incorporated into events being run at the Winchester Science Centre and outreach activities planned in local schools, including a session for 4-6 year olds at Marnell Infants School in early 2018.

Overall project cost (inc VAT) £750

Amount requested from The Friends £750

If the grant requested is not the same as the overall project cost, please give details of how the remainder will be funded: n/a

Are there any running costs or other ongoing costs associated with this application, if so how will these be funded? No running costs.

Please give details of any other funding applications made and whether or not they have been successful.

Please confirm that you have attached copies of brochures and quotations in support of this application and ensured that the proposed expenditure is with University approved suppliers. 3D printing of such a complex structure requires a specialist supplier. The costing is for a 30cm diameter model.

Further information and illustrations can be seen at:

<http://www.port.ac.uk/institute-of-biomedical-and-biomolecular-science/molecular-biophysics/darren-gowers/molecular-models/>

How will the contribution from The Friends be publicly acknowledged (e.g. by a plaque, website etc)? When displayed, the model will have a label acknowledging The Friends' contribution.

Please ensure that this application has the approval of your Head of School / Service.

Name of Head of School / Service: Professor Anthony Powell
a.v.powell@reading.ac.uk

Email address:

Please return your application to thefriends@reading.ac.uk by **24 April with the subject heading Grant application**
If you have not received an acknowledgment within 1 week of submitting your application, please contact us.