

ROTARY CLUB OF CANTERBURY
in partnership with
CANTERBURY CHRIST CHURCH UNIVERSITY

supported by
THE KENTISH GAZETTE
BRETT GROUP
JAMES CLAGUE ARCHITECTS LTD
LEIGHS FOUNDATION
THE CHOWDHURY FAMILY

INNOVATION COMPETITION FOR SECONDARY SCHOOL STUDENTS
2024

Rules and Conditions

1. Entries must be aimed at improving life in some aspect. The winning entry will be the idea considered by the judges, in their absolute discretion, to be both *innovative* and *capable of giving the greatest improvement in life* within the sphere on which it impacts.
2. The idea may relate to any area of the human or natural world, local, national, regional or global, and it may be technical, organisational, artistic or otherwise. Some suggestions for suitable themes are in the appendix, but entrants may submit entries based on any other perceived issue.
3. A *special prize* is being offered by the Chowdhury Family for a simple, novel and robust idea that will support global health.
4. An idea must be feasible and have a degree of practicality, but it need not be completely novel nor need it be completely worked out.
5. Entries may be submitted by individuals or by teams of not more than 4 people.
6. Entrants may submit as many entries as they wish.
7. At the date of submission, all entrants and members of teams must be normally attending a secondary school, 6th form college or equivalent in **any area for which the STEM Hub at Canterbury Christ Church University is responsible (currently Kent, Medway Sussex, Surrey, Hampshire, Isle of White, Oxfordshire, West Berkshire, Reading, Milton Keynes, Buckinghamshire)** or in such other area as the organisers in their absolute discretion may have extended the competition.
8. All entries must:
 - a. be outlined in writing on the equivalent of one sheet of A4 plus any necessary sketch or photograph with a caption bearing the name of the idea and name and school of the contact entrant;
 - b. indicate the problem that the idea is intended to tackle, the enquiries (including any internet searches) made to find out whether there are any other solutions on the

market and, if so, why the idea is superior to those. The entrants may describe any other solution that has been considered;

- c. indicate what (if any) enquiries have been made regarding a market for the idea;
- d. indicate what the potential market is;
- e. outline the cost of production and selling price;
- f. be in PDF form;
- g. be accompanied by a covering email which states the name of the idea, the names, schools and ages of all the entrants who have collaborated in it and the name of the contact entrant (or, if appropriate, teacher) and his or her email address for correspondence.

Note: entries lacking these details MAY BE REJECTED.

9. The competition will be judged by a panel of local individuals selected by the Rotary Club of Canterbury.
10. Final judging will take place in June 2024. We anticipate that this formal judging will take before an audience, but this is subject to Government guidelines. In the case of formal judging before an audience, all entrants will be invited to attend and the judges will invite entrants from a shortlist to make oral presentations not exceeding 6 minutes in length per entrant. All shortlisted finalists living within a radius of 40 miles from Canterbury will be expected to appear in person at the formal judging. Finalists living outside that radius may either appear in person or by a Teams live 2-way link enabling them to be questioned by judges and members of the audience at Canterbury. It will be assumed that shortlisted finalists living within the 40-mile radius will attend in person; all other shortlisted finalists must notify the STEM Hub of how they intend to appear on being notified of their shortlisting.
11. There will be cash prizes for the winner and two runners up:
 - 1st prize: £300
 - 2nd prize: £100
 - 3rd prize: £50In addition, the winner of the **Chowdhury Family Prize for Global Health** will receive £50.
 - All other presenters speaking at the final will receive a consolatory prize of a book token.
 - All finalists will receive a certificate of participation.
12. If we are able to hold a formal judging, we hope to be able to offer general advice about exploiting and protecting ideas.
13. Entrants will remain the owners of their entries as between themselves and the organisers, but the organisers will have no obligation to maintain confidentiality nor to protect intellectual property in any material or ideas submitted.
14. Entrants agree to have their details on record for the purpose of the competition.
15. Entrants agree to have their forename, photograph and some information about their idea appear in publicity for the Rotary Club of Canterbury, the STEM Hub and other competition sponsors.

Entries must be submitted by email to innovationcompetition@canterbury.ac.uk no later than **31st March 2024** with the subject line “**Rotary Innovation Competition 2024**”

For copies of the competition poster and of these rules and conditions with the suggestions for themes visit: <https://www.rotarycanterbury.org.uk/activities/innovation-comp-intro.html>

Facebook: <https://www.facebook.com/rotarycanterbury>

Twitter: <https://twitter.com/RotaryCantUK>

Instagram: <https://www.instagram.com/rotaryclubofcanterbury>

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Appendix: Suggested Themes for Ideas

Note: You do not have to choose from this list - any innovative idea is eligible.

Ideas that support the **environment**, such as:

- Ways of reducing dependence on mechanised transport. *For instance, can you think of alternative ways of transport or reducing travel by improving town planning?*
- Ways of changing where we live e.g. ideas on town/building design. *For instance, should we continue to make the dream home of a detached house with high fenced gardens?*
- Ways of reducing the use of plastic and other pollutants. *For instance, how can we as individuals or how can industry reduce pollution?*
- Ways of reducing household or industrial waste. *For instance, are there ways of making recycling easier?*
- Other ways of reducing the use of artificially-produced energy.

Ideas that support **health and wellbeing** (including mental health), such as:

- New forms of leisure activities that encourage physical activity. *For instance, are there new sports or games that could be invented?*
- Ways of making better use of the countryside for recreation. *For instance, how can schoolchildren be encouraged to engage with the countryside?*
- Ways of reducing loneliness and improving relationships between people of different ages, levels of wealth and cultural backgrounds. *For instance, how might these different groups be linked up together?*
- New ways to encourage communication. *For instance, could on-line meetings be made simpler to use for those who are not computer literate?*
- Ways of encouraging healthy eating while reducing consumption of meat etc. *For instance, are there better ways of labelling food to help achieve this?*

For the **Chowdhury Family Global Health Prize**, you might propose ideas that have an impact on **global health**, such as:

- New ways to prevent illnesses. *For instance, are there safer sanitation methods, or better ways for communities to get rid of insects that carry disease?*
- New ways to prevent disease transmission. *For instance, could air travel be made safer?*
- New ways to help people get information that they need to look after one another. *For instance, are there new ways of educating people who don't have access to computers?*
- New ways of reducing clinical waste. *For example, can we find ways to reduce the levels of plastic that is thrown away for safety reasons?*