

# UTC Mathematics Poster Competition 2021

Theme: The Math Behind a Pandemic

**Poster Submission Deadline – Wednesday, March 31 @ 5:00 PM ET**

**Online Zoom Presentation of Submitted Posters – Monday, April 12 from 11:00 am to 12:00 noon ET.**

## I. Categories, Teams, and Content

1. Ideally each poster should address the theme given for that year's competition. The poster may include statistical or mathematical information, but it does not need to include both.
2. Each poster must have a high school or middle school faculty sponsor. For students who are home-schooled, a parent/guardian may serve as the sponsor. A sponsor is an adult responsible for the student.
3. Each poster must be related to mathematics or statistics and be suitable for public display in a middle or high school setting.
4. There will be three competition categories:
  - Category I: 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grades;
  - Category II: 9<sup>th</sup> and 10<sup>th</sup> grades;
  - Category III: 11<sup>th</sup> and 12<sup>th</sup> grades
5. Students may work as a team, if they choose. A team should consist of no more than three students and every team member should be in the same category.
6. To enter, compose an email to [Lakmali-weerasena@utc.edu](mailto:Lakmali-weerasena@utc.edu) with the subject "UTC Math Poster Competition 2021". The body of the email should contain the following information:
  - Number of posters and number of students. (names of students not necessary)
  - Teacher and school names.
  - Category (I, II, or III)

## II. Presentation Guidelines

1. This year the poster competition will be online via Zoom. Students may create a poster using computer tools or on paper (the traditional method).

Posters will be displayed via a Zoom slideshow presentation on **April 12 from 11:00 to 12:00 noon ET**. Following the presentation, the judges will announce the winners.

The Zoom link for the presentation and awards ceremony will be emailed to the teachers/guardians after the poster(s) are submitted.

2. Posters will be collected electronically. If a traditional poster is created, take a photo and submit either a jpg or pdf file of the image. (The resolution should be at least 300 x 300 dpi) Electronic posters should be saved in the pdf format.  
  
The submitted file should contain the poster (reference below for additional requests) along with an extra page containing the authors' names, grades, schools, sponsors' names, and a list of references. Credit must be given on the poster for any outside assistance.
3. The deadline for submitting the poster is March 31 @ 5:00 PM ET. The file of the poster must be named with the poster title. All materials for the poster must be visible from simply looking at the file (no interactive features).
4. Please submit the posters to the following google drive (**Make sure to select the appropriate category**)

<https://drive.google.com/drive/folders/1BISkZyYZFcwbuZzYJPSmHxpScEDUR5kI?usp=sharing>

### III. Judging

Judging criteria are based solely on the content of the submitted posters.

- Is the poster original and creative? Does it relate to the competition theme?
- Is the presentation appealing? Does it pique the interest of the audience?
- Is the overall design easy to follow, and does it convey the information well?
- Does the poster address the questions it raises?
- Is the mathematical content at a sufficiently high level?
- Is the mathematical content presented clearly and correctly?

Posters should be original in nature.

### IV. Prizes

In each of Categories I, II, and III cash prizes will be awarded to the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place teams, to be divided equally among the team members.

- 1<sup>st</sup> place - \$200.00
- 2<sup>nd</sup> place - \$100.00
- 3<sup>rd</sup> place - \$50.00

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The Zoom information will be emailed to sponsors after the submission of the posters.