



Emeritus Professor Cheryl Praeger  
 Winner of the 2019 PM's Prize for Science  
 First recipient of the inaugural Ruby Payne-Scott Medal in 2021  
 Companion of the Order of Australia for "eminent service to mathematics, and to tertiary education, as a leading academic and researcher, to international organisations, and as a champion of women in STEM careers" (2021).



Maryam Mirzakhani, was an Iranian genius mathematician and the first-ever female winner of the prestigious Fields Medal (Nobel) prize for Mathematics.



Ruby Violet Payne-Scott (28 May 1912 – 25 May 1981) was an Australian pioneer in radiophysics and radio astronomy, and was the first female radio astronomer

## Poster Competition CHANGING THE FACE OF MATHEMATICS ONE GIRL AT A TIME

### Creating the mathematicians of the future

This **POSTER competition** develops students' critical thinking, investigation, collaboration, communication, and creativity, and raises awareness of the ongoing contributions of women in mathematics.

### Planning to make a difference

Your poster will present an inspirational female mathematician, or a female figure in your life who inspires you to love mathematics, or a group of females who work in the STEAM industry, or it can be about yourself, your journey, and the beauty of mathematics. Even better if it's a combination of everything.

### Individual or Group

- You can create and submit your poster individually, or in a group of 2 to 5 students, or even as a school.
- Submissions must be made online via your teachers email address before the **deadline which is May 10, 2022.**

### Poster rules and judging criteria

Posters may be created using computer tools or on paper and be suitable for public display in a middle or high school setting.

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.

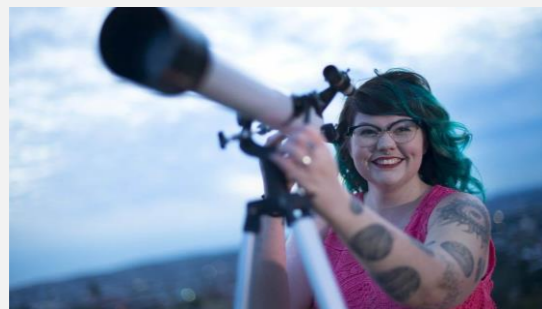
Judging criteria are based solely on the content of the submitted posters.

- Is the poster original and creative?
- 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?

Posters should be original in nature.

### Prizes

All posters will be shown via a slideshow presentation on **May 12-International Women in Maths Day**, prizes will be awarded, and winners will be announced on **May 25, 2022.**



Karlle Noon, Indigenous Astronomer and Astrophysicist  
 Karlle Noon is a proud Kamilaroi woman from Tamworth who is fluent in Kamilaroi & Wiradjuri.



Jen Campbell, Environmental Engineer & Biologist  
 With a diverse career, spanning across a range of disciplines from environmental engineering to forestry and now biology, Jen Campbell is now working in the field of genetics looking at genetic differences and similarities between Aboriginal nations, and language groups.



Vinka Barunga  
 Vinka's family are the Woorora people from the Kimberley. Born in Derby, Vinka witnessed serious health conditions of many of her people. She decided to become a doctor to help her community. Vinka is now working as a doctor at Sir Charles Gairdner Hospital in Perth.



Tamina Pitt, Software Engineer  
 Tamina is a proud Wuthathi (Cape York) and Meriam Mir descendant (Torres Strait). As a software engineer for Google, Tamina is a part of the Google Maps team working on the Directions Platform that provides directions for users.