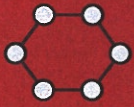


+



$2 \times 2 = 4$



HIDDEN FIGURES:



WOMEN

IN

SCIENCE



$X + Y = ?$



Bios and coloring pages inside!

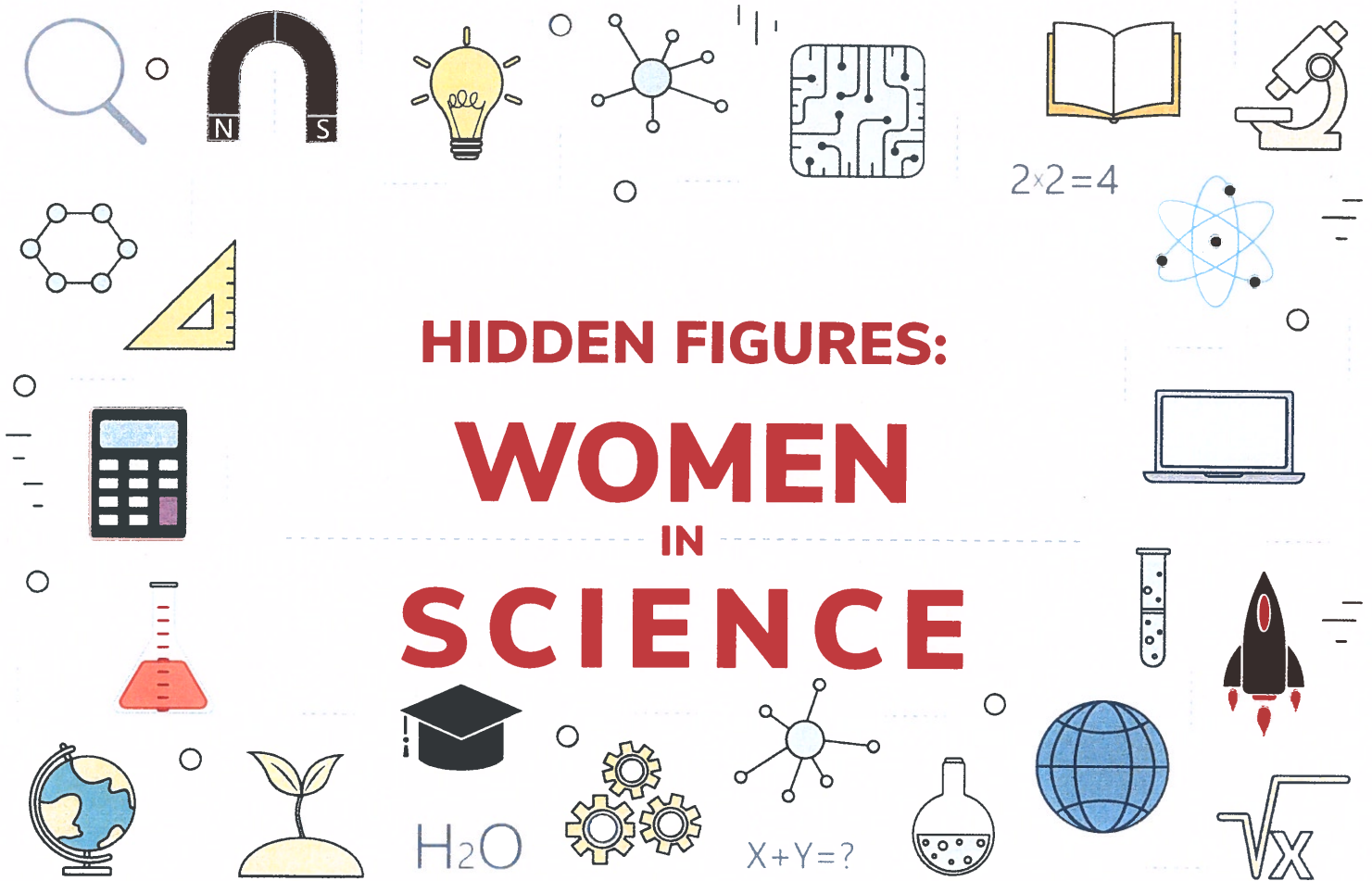


THE OHIO STATE UNIVERSITY

COLLEGE OF EDUCATION AND HUMAN ECOLOGY



OFFICE OF EQUITY, DIVERSITY, AND GLOBAL ENGAGEMENT (EDGE)



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Dr. Sultana Nahar

Dr. Sultana Nahar is a research scientist in the Department of Astronomy at Ohio State University. Dr. Nahar has published approximately 190 publications on scientific work, delivered about 150 invited presentations, 38 articles on STEM education and research, and 84 invited and conference presentations. Dr. Nahar has been named a Fellow of the World Academy of Sciences (TWAS) of UNESCO, American Physical Society (APS), Bangladesh Physical Society, Bangladesh Academy of Sciences, as well as Woman Physicist of Month of APS.

Who have you admired in your path into the sciences?

I learned in my school life that we are supposed to find and solve the mysteries of nature that Allah (God) created and use the knowledge for the benefits of human kind. Only the people of understanding can do them and I wanted to be one of them. This is what inspired me all my life.

Can you share a moment you knew you were working in your purpose?

Although I believed in the predicted features of the atomic process of photoionization that I obtained by mathematical computation, I did not have any proof of their existence. It was a moment of a very special joy of doing physics right in 2000 when Ron Phaneuf's group at Nevada observed the features of oxygen photoionization at ALS experimental set-up at Lawrence Berkeley National Lab for the first time, but could not explain them until my predictions, obtained two years earlier, were compared and gave details of the features.

Book or film recommendation to a young person interested in science careers?

I would recommend the TV series *Star Trek*, particularly the original series which is easy to follow, has scientific ideas that can be worked on, and adventures in new worlds.



CAREER



HIGHLIGHT

Introduced the concept of “Resonant nano-plasma theranostics” for cancer treatment using x-ray spectroscopy as used for stars, black holes.




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The Office of **Equity, Diversity, and Global Engagement (EDGE)** develops, promotes and supports dynamic programming to encourage critical thinking about diversity, equity and inclusion. The office engages in high-quality research, outreach and advocacy efforts focusing on social, civil and educational rights.

A FEW OF OUR PROGRAMS:

-  EHE Legacy Series
-  ROTATE @ EHE: Racial Justice and Equity Plan
-  Partnerships and Engagement
-  Student Evaluation of Inclusive Classroom Instruction (SEI_CI) Survey
-  Dean's Diversity Post Docs
-  Global Hub
-  BRIGHT Leadership Initiative
-  Health Science Academies
-  EHE Urban and Rural Initiative
-  Leading Anti-Racism Change in Education District Collaborative



VISIT OUR WEBSITE
edge.ehe.osu.edu

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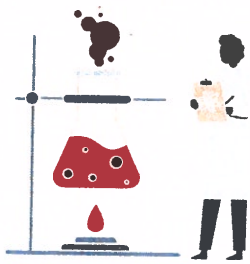
HIDDEN FIGURES: WOMEN IN SCIENCE



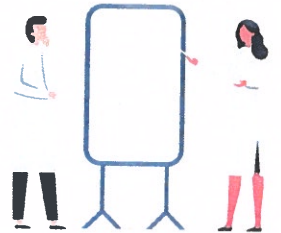
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Carlyle Penn
Christine Page
Noelle Harold



THANK YOU



Dyan Randall

Christie McCallum

Jana Ayotia



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