

# Engineered for Success: Four Women Tell Their Stories of Achievement

MATH MOVES U / RAYTHEON

*One chased amoebas in a creek. Another loved puzzling out math problems. One fed her curiosity through a sash full of Girl Scout badges, while another became enamored with science during a trip to a crocodile farm.*

All four girls grew up to become accomplished engineers and scientists, and this week Raytheon is celebrating their successes along with those of thousands of other women as part of National Engineers Week. Thursday, Feb. 20, marks Girl Day, which introduces girls to engineering and how engineers can change the world. Here Raytheon presents the stories of these four accomplished women whose love of science, technology, engineering and math (STEM) propelled them to achievement and success.

[Edited]

Below is only an excerpt. Read full article at <http://mathmovesu.com/news-and-events/engineered-success-four-women-tell-their-stories-achievement>



*Ebbel Angle working in a science lab at age 11.*

## CROCODILES AND PETRI DISHES

**Erika Ebbel Angle** found her love of science on a crocodile farm in Cancun.

On a vacation to Mexico when she was in the sixth grade, Ebbel Angle learned that mortally wounded crocodiles often flip onto their backs to die. That made her wonder if cells do something similar when infected by viruses—a hypothesis that a local public

health lab director back home in California agreed to let her to test in his lab.

Ebbel Angle entered her research project into a school science fair, and a lifelong love of science was born.

That path led to a bachelor's degree in chemistry from the Massachusetts Institute of Technology and a doctorate in biochemistry from the Boston University School of Medicine.

But Ebbel Angle has never been one-dimensional. In 2004, she earned the Miss Massachusetts title in the Miss America Scholarship Program. An accomplished pianist, she minored in music at MIT.

Later she hosted a science television show for children, "The Dr. Erika Show," and founded the non-profit Science from Scientists. The organization encourages science, technology, engineering and math learning through hands-on demonstrations.

"There's this issue about being a scientist and female, but girls should know they can be whoever they want to be," said Ebbel Angle, who is now the chief executive and founder of a biotechnology company, Counterpoint Health Solutions. "You can be an athlete or you can be Miss Massachusetts. If you're a girl and want to wear a skirt and makeup and be a scientist, then be a scientist. You can be whoever you want to be, whoever you are, and still be a scientist."



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