

# Borinqueña celebrates Women's History Month-Part I <sup>[1]</sup>

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<sup>[2]</sup>



***Borinqueña emphasizes the contribution of Puerto Rican and Hispanic women in science and technology and provides a space to discuss topics of interest about the empowerment of women. In this Women's History Month we present Borinqueña Global. In this section we will highlight successful women scientists that can offer their experience of the impact of science on a worldwide scale.***

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Is Women's History Month, and our Borinqueñas celebrate the life and achievements of women scientists and engineers who impacted our world and their own lives with their careers. Here the first four women who inspire. Share these images using #WHM #womensday #Borinqueña

# Borinqueña Global



**“Dr. Angela Merkel**, was trained as a physicist and was awarded her doctorate in physical chemistry from The Academy of Science in Berlin, Germany. From 1978 to 1990 she worked as a researcher scientist and published a few scientific papers in quantum chemistry. Her greatest achievement is becoming the first women Chancellor of Germany since 2005 and leader of the Christian Democratic Union since 2000. She was ranked as the world’s second most powerful person by Forbes in 2012. She is a real scientist who made it to the top of the male dominated fields of science and politics. Her political success has come as a result of her analytical mind product of her scientific background. Merkel recalls difficulties as scientist of working with men who will rush impulsively to solve practical problems and her style of doing science was to think, analyze, consider pros/cons-and then try out. I identify with Merkel’s style of doing science and she is remarkable example of success and how a degree in STEM can take you anywhere.”

– Marissa Morales



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## Women’s History Month

*Celebrating the contributions of women to our society*

# Borinqueña Global



The first time I heard about **Lise Meitner** was in a book titled  $E=mc^2$ , a book that describes in detail the necessary scientific progress to develop the theoretical relation and the experimental proof of this equation. Meitner developed a great deal of the experiments and theory to understand nuclear reactions. Her work and scientific collaboration in Germany and then in Sweden gave shape to the research of Otto Hann, who won the Nobel prize in 1944 for this work. However, Meitner's work was controversially ignored by the committee who made the selection for this honor. She faced many challenges throughout her life, including having to escape Nazi Germany, but her determination, courage and scientific focus help her to overcome any obstacle. Meitner is one of my idols!

-Marvi Matos

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**Women's History Month**

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# Borinqueña Global



“When you read about *Zea mays* or corn, today you might tumble into alternative renewable energy or food sources. But for Barbara McClintock, it was much more than that. It was reason to be awarded as the first woman to receive an unshared Nobel Prize in the area of Physiology for her discovery on mobile genetic elements in 1983. This women scientist was a distinguished cytogeneticist that obtained her PhD in Botany at the Cornell University in 1927. Her work and passion for science rewarded her with the discovery of the “jumping genes” or transposons, which relates to the DNA movement from one location to another within the genome, defining today’s gene expression foundations.”

-María Rodríguez

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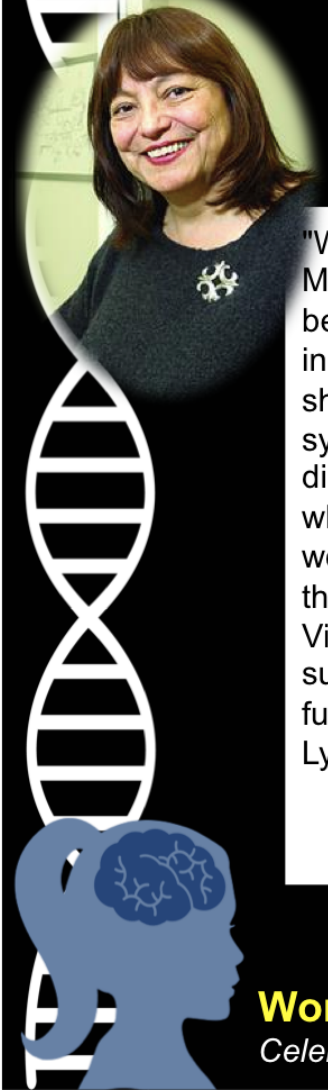


**Women's History Month**

*Celebrating the contributions of women to our society*



# Borinqueña Global



"When she completed her doctorate in Biology in 1975 at the Massachusetts Institute of Technology (MIT), Lydia Villa-Komaroff became the third Mexican-American woman to obtain that degree in the United States. A pioneer in many ways, during her post-doc she led the development of a method that used bacteria to synthesize insulin, a discovery that revolutionized the treatment of diabetes. In addition to her success as a scientist, her candidness when talking about the challenges she has faced as a Latina woman in science, is a great inspiration to me. During a panel at the SACNAS annual conference, organization she co-founded, Villa-Komaroff spoke about the role of her cultural identity in her success. 'Never give up who you are. If you give something fundamental to who you are, you won't succeed.' Well said, Lydia."

- Mónica Feliú-Mójer

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## Women's History Month

*Celebrating the contributions of women to our society*

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Coming soon: The second part of this celebration where we will share more stories about women scientists who are role models for our Borinqueñas.

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