

**Solid State Chemistry: Cheryl L. Shavers
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Introduction. Cheryl L. Shavers is a successful scientist, engineer, and businesswoman who was born in San Marcos, Texas on December 26, 1953. Her life journey is one of determination, creative thinking, and overcoming obstacles. Shavers never gave up in her commitment serving those in her community and country, even as her career path took her from roles in crime labs to fortune 500 firms like Intel, Motorola, and Hewlett-Packard.

Background

Cheryl L. Shavers was raised in Phoenix, Arizona by her mother and with her sister. A tragedy happened in her neighborhood when she was a teenager which led her to be interested in crime scenes. Cheryl graduated from South Mountain High School and received a scholarship to attend Mesa Community College. She went to Arizona State University (Majored in Chemistry). She also worked in the Phoenix Police Department's crime lab for an internship. She later got her PhD at Arizona State University in solid-state chemistry. Cheryl began to expand her knowledge in other areas for careers such as engineering and law school but, she loved science and technology.



Connection to Science

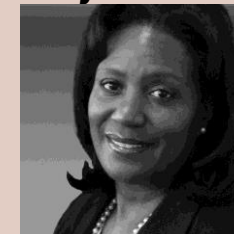
- Cheryl L. Shavers has a strong background in chemistry, which has given her a firm knowledge of basic scientific ideas.
- Her understanding of chemistry has influenced how she approaches technology and innovation, which has allowed her to take on challenging issues and promote successes across a range of industries.
- Connected to thermodynamics when she worked at Motorola; semiconductor industry.

Awards

- (1996) Women in technology international (WITI) Hall Of Fame
- (1997) Hall of Fame, College of Liberal Arts and Sciences at Arizona State University
- (1999, 2005) granted Congressional Recognition by the US House of Representatives in acknowledgment of her business leadership and community service
- (2005) Global Exchange Award for Outstanding Women of Color
- (2010) An honoree of an award for encouraging diversity in boardrooms
- (2017, 2021) listed as one of the "Most Influential Black Corporate Directors" by Savoy Magazine

Newspaper Article

An African American Woman in Science: Cheryl L. Shavers



From a present-day perspective, Cheryl L. Shavers is interviewed to gain understanding of her incredible life story and ground-breaking achievements. She is a figure in science and technology. Born and raised in the United States, Shavers has a strong education in chemistry, which she has used to her advantage throughout her distinguished career exploring a connection of science, technology, and business. Her statements have remained relevant over time, acting as a constant reminder of the drive for empowerment and equality in the workplace.

References

- Wikimedia Foundation. (2024, February 18). *Cheryl L. Shavers*. Wikipedia. https://en.wikipedia.org/wiki/Cheryl_L._Shavers
- Encyclopedia.com. (2024, March 1). "*Contemporary black biography*". *Encyclopedia.com*. 21 Feb. 2024. <https://www.encyclopedia.com/education/news-wires-white-papers-and-books/shavers-cheryl-19>
- *Cheryl Shavers - user profile - AGLN - Aspen Global Leadership Network*. AGLN. (n.d.). <https://agln.aspeninstitute.org/profile/3311>