The Art of Math and Science

As an Asset Integrity Engineer at Chevron, Leila Farhang understands the importance of maintaining equipment that produces vital energy resources. In her role, Leila oversees various equipment that extracts and processes oil. She works with tanks, vessels, and piping inspectors to evaluate the equipment's condition. She uses multiple software programs to track the status of these assets. If a repair or replacement is necessary, Leila prepares industry-compliant plans to ensure a safe and reliable operation. Every day brings new challenges. However, Leila sees these as opportunities to use analytical skills to find the most efficient, quick, safe, and economic resolution to a problem.

Leila always thought she would pursue a career in art. It wasn't until her mother pointed out her love of inventing things—such as an electro-mechanical screwdriver—in her father's shop that she decided to become an engineer. She then noticed the close relationship between art and engineering. Instead of a paintbrush or musical instrument, engineers use the tools of math and science to imagine things that don't yet exist.

Leila works as part of a diverse team to tackle difficult problems. At Chevron, promoting diversity is a priority. Leila, who is Iranian-American, believes she has learned more about other nations and races as an engineer at Chevron than at any other point in her life. To be successful in a diverse organization, Leila stresses the importance of being a warm and welcoming person, disagreeing constructively, and collaborating effectively. After all, she says, there is no way to succeed as an individual if you are not a team player!

Engineers Changing the World

Leila Farhang
Asset Integrity

"Learn as much as you can when you can. It is surprising how fast we learn things when we are young and how quickly we find ourselves in a situation where we apply that knowledge. Use every opportunity to expand your knowledge, learn new languages, learn about others, and participate in as many group activities as possible."