



Chevron's Top Technical Minds

Paul Siegele, Chief Technology Officer

Most people would be surprised, I think, to know how much technology goes behind extracting oil and gas, particularly related to the more challenging environments that we have. People that have the background, that are bright and innovative, are needed to unlock these challenges, and that is the opportunity.

The Fellows are at the heart of all of that. We have about 30 active Fellows today over a group of several thousand technologists that work within the company. So it's the highest level of technical recognition that Chevron offers.

Sara McMillen, Microbiologist

It was an honor just to even be considered.

Arthur Lee, Chemical Engineer and Chevron Fellow

Chevron Fellows are recognized for various disciplines.

Harry Sigworth, Mechanical Engineer and Chevron Fellow

We come from many different backgrounds, but we're the same in that we do a good job of applying technology.

Paul Siegele

All of Chevron's businesses, from the highest peak of the upstream to refining and cracking it and then finally distributing it, requires a very wide group of technologists to deliver energy into the global market.

Harry Sigworth

I've been interested in cars since a pretty young age. My present job is taking a look at the future of vehicles and alternative fuels. The challenge is basically to answer the question, "What do you think is really going to happen?" Getting oil out of the ground is certainly part of it, but there are all sorts of other issues: using energy more efficiently, applying renewable energy, how we participate in providing alternative fuels. Technical people are all essential to realize those sorts of things in the future.

Paul Siegele

One of the things that's really fun about being with Fellows is they're visionary. They've seen a lot. They've seen how much technology has changed, and because of their specialty, they really know what they are talking about in terms of where the energy industry is going to go.

Arthur Lee

I'm involved with the Intergovernmental Panel on Climate Change. I represent not only the company but also my personal integrity. I was actually recognized along with three or four hundred other scientists, engineers, technologists for our contributions for the Nobel Peace Prize in 2007. I never imagined that my work would be awarded anything by anybody.

Paul Siegele

From seismic imaging that enables superior exploration performance to reservoir management and how we protect the environment, when we're extracting a resource, the breadth of opportunity for technologists in Chevron is quite remarkable.

Sara McMillen

Well, one of the reasons that I came to Chevron is because I could see that Chevron had a real commitment to the environment, and that was really important to me. Since I've been at Chevron, I've traveled around the world. I've seen many of our upstream operations. I've been to Indonesia, Kazakhstan, Argentina, Venezuela, Kuwait. It has been a great experience to get out in the field and really understand how Chevron is managing environmental issues and how technology can really help.

Roopa Kamath, Environmental Engineer

She's one of the first people that worked on risk assessment, environmental risk assessment. She has great insight into the different technologies that we're trying to develop. To be able to work with someone like that, for me, is just a great opportunity.

Paul Siegele

The challenges to bring future energy to world markets are enormous. The Fellows are in the midst of finding the new technology that will enable those resources to supply future energy demand, and it's in those technology innovations that we ultimately beat the competition.