Shell building the technical talent pipeline

Community outreach video, highlighting the impact of Shell’s Workforce Development Initiative’s efforts on students, parents, teachers, and Shell employee volunteers.

0:11

Shell is building the workforce of the future, through collaboration and focus on teacher, parent and student outreach, as well as supporting new businesses.

0:21

The STEM programs played an important role in producing quality graduates and engaging a stronger relationship between academia and industry.

The STEM program helped me realize what I want to do with my life, and that I want to go into the field of engineering.

0:35

These bearings were made here because these are squared, so we had a huge problem last year that every time...

The differences that I've noticed in Marcos since he completed the STEM program is that I've seen him become more focused on his studies.

He has set more goals for himself.

I've seen these videos and how the engineering for actually the machines, that actually go and bring the oil out, I want to be a part of the team that'll create maybe better ways than the kinds of ways that we have now, to get the oil out of the ground.

1:05

And I want to design better, bigger and better things. And he has also become a mentor. I see that he likes to share the knowledge that he's gained with this program.

Shell's program has helped me a lot realize what I want to do and I want to give back to them.

I like going and speaking middle schools and other elementary schools and getting kids involved in these kinds of STEM programs, so they can have the same experiences that I have.

1:28

Because it is a life-changing experience and I want to share that with others.

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The program has impacted our family, because it doesn't only pertain to our children.

1:37

There's also a program called Saber Es Poder, which means 'knowledge is power'. And that is a program that educates parents on how to help and support their children pursue a career and how to seek financial help, or where to look for scholarships for them.

1:53

Growth in the energy industry and rapidly changing technology are just some of the reasons why Shell is supporting a youth strategy that inspires students to pursue STEM-related careers.

Shell's programs have grown successfully over the last three years, positively impacting the lives of more than 300,000 teachers, parents and students.

Viva Technology is a Shell-sponsored hands-on engineering program that introduces students to current opportunities in the energy industry.

2:23

In eighth grade I was invited to attend the program and it basically introduces students in the underrepresented communities to the STEM disciplines.

2:32

So the first year I went and I loved it. Working in teams and problem-solving was a great fit for me, So after that initial experience I attended the program every year until I graduated high school.

2:43

The program helped me realize what I was capable of doing, and inspired me to pursue a career in chemical engineering and working in the energy industry.

2:51

Shell's partnership with Inroads provided me with

development and training that strengthened and improved

my leadership skills, my self-skills and my confidence.

3:00

So not only am I growing as a person but I'm growing as a professional, and I can excel in the professional environment such as my internship with Shell as a chemical engineer.

The field of chemical engineering is so broad that I can do anything that I set my mind to.

I'm learning problem-solving and critical-thinking, skills that I'll need to help me better adjust to energy challenges of the future.

I really appreciate the investment that Shell is making in the community and in STEM programs.

These programs have helped to shape and encouraged my career pathway from middle to high school and throughout college.

3:32

Shell's commitment to STEM has greatly impacted my life and the life my entire family.

The number of US STEM-sector jobs could jump 17% over the next six years compared to 9.8% growth in other jobs.

STEM workers as a group earn about 70% more than the national average.

Shell's commitment to diversity and inclusion is building stronger connections in communities.

3:57

The Fort Valley State program is a dual-degree program that was tailored towards the math and sciences and engineering, engineering specifically in the oil and gas field.

So it's something I knew that I wanted to be in, and I felt like this program was something to help me get there and give me a chance also to do some summer internships.

4:14

I was able to make contacts with numerous oil and gas companies that, I would put my resume right in front of them and get interviews and basically I had a wide array of job offers when I was finished.

So it was just a matter of picking one.

My education has basically prepared me for who I am.

It's provided me the discipline, has given me the knowledge, the skill to be able to face real-world challenges and solve them, whether it's offshore facilities or chemical plants or refineries.

4:40

So it gives you a wealth of opportunities which are really challenging, day one when you enter the job.

So the first thing I would advise students is to make sure it's something that they're interested in, and to persevere. It won't always be easy, but they'll definitely be rewarded in the end.

4:57

Between 2011 and 2013, Shell awarded over 500 technical scholarships, both 2 and 4-year, and recruited more than 800 volunteers.

Shell's STEM program creates opportunities

that positively impact careers and improve lives.

5:14

These are just some of the personal success stories that we're celebrating.

Let's look to the future and a world of possibilities with Shell.

To learn more about our available programs and resources,

visit shell.us/energizeyourfuture.