GEOFORCE MONTHLY

Changing lives since 2005

Caleb McBride (middle) with Houston Mayor Sylvester Turner (left) and Houston Fire Chief Samuel Peña (right) for a Shell outreach event.

ALUMNI SPOTLIGHT: CALEB MCBRIDE

You may not expect a geoscientist to care much about computer skills, but GeoFORCE alumni Caleb McBride disagrees. McBride was in the second GeoFORCE cohort, back in 2006-2009. He earned his degree in Earth Sciences from Rice University in 2014 and his Master's degree from the University of Texas at San Antonio in 2019.

"I decided to pursue this dream [of geoscience] seriously during our junior trip to the Pacific Northwest," McBride said. "Our trip instructor invited everyone to speculate on a grey band running along the length of the dunes and none of us had any clue. The instructor walked us through their thought process and revealed to us that we were looking at an ash trace from the explosion of Mt. St. Helens in 1980. Nature is filled with secrets and that trip made me want to decipher them myself."
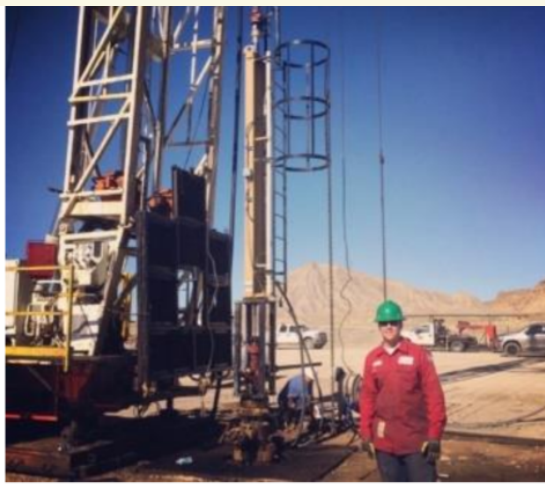
McBride now works for Shell, but he's not officially a geoscientist. Instead, he's a Technical Data Management Analyst.

"There is a booming field that leverages geological subject-matter-expertise and the tech-skills of data analytics," McBride explained. "When I learned that the Oil and Gas industry needed people who had a geology background and skills in data analytics, I realized that I could stick with my dream of doing geology work, albeit without the title of geologist."

For the first year of his Master's, McBride studied geochemical paleoclimate records in Spain. In his second year, he took courses in statistics and Python-based mathematics. Alongside his university work, he also paid for affordable online classes to learn SQL, Machine Learning, and Python. Because of this experience, McBride highly recommends programs like Texas A&M's Masters in Petroleum Data Management or Rice University's professional certificate in Energy & Data Management. Geoscience undergraduate students can also take classes in Python at schools like The University of Texas at Austin.

As McBride said, "If you're interested in seeing how you can distinguish yourself amongst your top-notch geological cohort, Data Management and Analytics might be something you should investigate."

Photos: Caleb McBride

SMTP Trainees working as field service technicians.

Photos: Schlumberger

JOB OPPORTUNITY WITH SCHLUMBERGER

The GeoFORCE Texas College Program is dedicated to finding internship and job opportunities for our alumni. One such opportunity has arisen from Cameron, a Schlumberger company.

Daniel Rodriguez, Production Systems USL Surface Manager at Cameron, is looking to hire individuals to join the Sales & Management Training Program (SMTP).

"SMTP is a fast track leadership program that packs in 5 to 6 years of experiences into 3 years. It is a fast-paced and intense program that provides the candidate with exposure to various functions that sets them up for success in the long term," Rodriguez said.

SMTP trainees participate in a 3-year fixed step-rotational training program. These rotations include experience in the shop, field, operations support, and formal classroom training. Upon completion, the trainees will assume a role as a Sales Representative.

"We are looking for candidates that are willing to work in the field and that have a strong mechanical aptitude," Rodriguez said. "Our people start off assembling and disassembling large bore valves in the shop before we dispatch them to the field to rig up/rig down frac sites and service our equipment. An eagerness and willingness to learn trumps all."

Minimum requirements include a Bachelor's Degree and a willingness to relocate. Positions are available in Midland, Odessa, and Pearsall, TX, Carmichaels, PA, Minot, ND, Oklahoma City, OK, and Wellington, CO.

To apply, create an online profile at the **Schlumberger career site**, then select 'Early Careers' -> 'Commercial and Business' -> 'Sales and Commercial -> 'Sales Representative', and finally 'Apply Now.'

The GeoFORCE team is constantly working with our company sponsors, academic partners, and government programs to find positions like this one. Submit your resume to us through the link in the sidebar to access even more opportunities.