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	Command-wide Recruitment and Outreach Materials CAREER PROFILE SUPPLEMENT - ELECTRICAL ENGINEER	
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CREATE A WORLD OF DIFFERENCE...

WITH A CAREER AS AN ELECTRICAL ENGINEER

Here's the situation: you're the electrical engineer in charge of quality assurance at the construction site of a \$100 million hospital addition when the critical care systems don't come on line as they should have. Furthermore, there's a heart patient waiting on the operating table. What do you do?

"You just do the job," says Harry Simpson. "It was quite a challenge to be doing construction in an existing hospital because you have to time your power outages very carefully." As it turned out, the critical care systems were up and running

momentarily. In addition to this system, Harry was also responsible for the emergency backup and fire systems, nurse call systems and all motors and controllers. "Most electrical engineers in their lifetime don't get the opportunity to work on a project of this magnitude" says Harry. "At the Corps, it's just part of the job."

Harry first joined the Corps as an electrical engineer in 1982. Today he is the only electrical engineer at the Ohio River division office responsible for technical oversight, review, engineering guidance and assisting in establishing technical policy for four collateral Corps' districts covering 14 states. In addition, he is a volunteer at Linwood Academy, the Corps' partner in education, and often speaks at other schools to encourage children to stay in school and pursue a college education.

Harry outwardly expresses his pride in being a positive role model because of his Corps experience. According to Harry: "I have yet to meet anyone in the Corps that was willing to put out a product that they weren't willing to sign their name to. I've been around a lot of industry and I don't see that attitude. On every Corps level, from management down to the individual employee, the goal is to produce quality."



US Army Corps
of Engineers

"I don't know of very many companies that allow employees to move around to gain valuable experience. At the Corps, I have been able to move freely from construction to quality assurance to engineering and design."

Harry Simpson
Electrical Engineer