

DFMA Forum

Speaker Bio-Nate Taylor

Nate attended Ferris State University obtaining a degree in Mechanical Engineering Technology. During this time, also serving in the United States Marine Corp as a Reservist. Nate met his wife Sarah at Ferris and after graduation, moved to Grand Haven, Michigan when he took his first job at Gentex Corporation. Nate worked there for 8 years, starting as a Technical Team Leader working with multiple human based assembly lines, then moving to a fully automated assembly line. He spent the last 3 years there as a Mechanical Designer in the Tool Shop, earning his Solidworks Professional Certificate.

Nate always wanted to move closer to home, so in 2013 he made the switch to GHSP, taking a job as an Advanced Process Engineer. Nate has been with GHSP now for the last 11 years. When GHSP made a change from having Advanced Process Engineers as a Central Operations role to a Plant Operations role, Nate stayed with a few others to maintain a Central Team. His role now is to be a Center of Core Competency for all 5 manufacturing plants. He maintains all Global Standard documents, research's new manufacturing technologies, supports the building phase of assembly lines (including safety and ergonomics), and facilitates all DFMA's for the company.

Nate was exposed to DFMA in the fall of 2016, when he went with a team of GHSP employees to BDI for a session on one of their new shift-by-wire shifters (**Special Note:** if you own a certain new high performance Chevy car, you can rest easy knowing the shifter has been through the DFMA process). Nate immediately gravitated to the software and therefore became GHSP's subject matter expert. Since then, Nate has led more than 50 DFMA reviews, on multiple products, at GHSP.