



UAA College of Engineering  
UNIVERSITY of ALASKA ANCHORAGE

UAA Professional Development Seminar Series

## Engineering Success: Innovation and Beyond

Presented by: LaQuita Chmielowski, PE, LEED AP



**ABSTRACT:** Engineering Success: Innovation and Beyond delves into the key factors driving successful engineering projects, from initial concepts to completion. As Civil Engineers working in land and site development, we are not only reliant on technical expertise but also on our problem-solving skills to navigate a wide range of challenges throughout a project. Critical considerations, such as construction schedules, design, permitting, and project logistics, all play a role in shaping the outcome. This presentation will highlight how you can leverage your problem-solving abilities to find innovative solutions for technical challenges and beyond, emphasizing the importance of collaboration, creativity, and effective risk management in overcoming obstacles. By examining real-world projects, we will explore how the fusion of creativity and technical know-how leads to successful engineering outcomes and ensures project success.

**BIO:** LaQuita Chmielowski, PE, LEED AP, is a seasoned Land Use Planner and Civil Engineer with over 20 years of experience in land development and site planning. Currently with DOWL, LaQuita has worked on a diverse range of projects across Alaska and globally. Her expertise spans master planning, due diligence, grading and drainage, water and wastewater design, public involvement, and entitlements. With her unique skill set, LaQuita is often involved in projects from inception through completion, collaborating closely with clients and design teams to turn concepts into reality. She has a passion for problem-solving and commitment to sustainable, innovative solutions to deliver successful engineering projects. Some of her recent completed projects include the 601 W 5th Avenue Building, Solid Waste Services Central Transfer Station, and Southcentral Foundation Tudor Elmore Development in Anchorage, Alaska.

Friday, April 11, 2025  
11:45 am - 12:45 pm  
EIB 211 or Online Via [YouTube Live](#)