

***PANEL: Embedded Librarianship***

**BARRACKS-BASED LIBRARY INSTRUCTION FOR FEMALE STEM MAJORS**

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**Abstract:**

Four members of The Citadel's campus-based Faculty Assessment and Analysis Team competed to participate in ACRL's Assessment in Action (AiA) inaugural cohort, a 14-month learning community dedicated to proving the value of library services to student success. The Citadel team comprised of a librarian leader, the faculty chair of Chemistry, the faculty chair of Civil & Environmental Engineering, and a professor of Education, developed a project idea that takes library instruction to military barracks housing areas during mandatory Evening Study periods. The focus of the pilot study is to determine whether embedding a librarian in the cadets' regimented habitat will improve degree persistence, academic achievement, and graduation rates for female STEM majors. While female cadets comprise just fewer than 6% of the Corps of Cadets, more than 51% of female cadets choose to major in STEM disciplines. This paper will present preliminary results from using this approach and explain the tools and resources used to align library assessment efforts to college-wide strategic initiatives and to measure and prove the value of library resources, services, and expertise to student learning.

**Keywords:** military schools, female cadets, STEM, embedded librarian.