Project Title: Building Capacity for Future Engineering Education Research and Scholarship
Principle Investigator: Dr. Richard A. Cheville, Professor of Electrical Engineering
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This NSF award supported a workshop designed to build capacity within the engineering education research community so that it may more effectively communicate how their work impacts larger policy issues. Dr. Alan Cheville organized and Chaired this workshop and participants included current and emerging leaders in engineering education, individuals in the community with policy experience; as well as representatives from industry, professional societies, foundations, and government.

Despite the impact that the engineering workforce has on the economy, security, and well-being of our nation, there is a communication gap between research and policy. The original and creative idea that was explored in this workshop was to support robust, two-way dialog that can help engineering education research better inform policy directions, thus helping private, state, and Federal entities effectively target investments within the larger educational system.

The workshop created a venue for dialog that captured a broad range of voices and future work will extend this dialog beyond the immediate participants. This workshop aided engineering education research leaders in viewing interconnections in the engineering education ecosystem from a policy perspective and laid the groundwork for communicating the impact of engineering education research to policy makers more effectively.

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