High, Lee, and Linder recently established a **STEM Faculty Development Collaboratory (SFDC)** housed at Clemson University. The SFDC engages personnel from research, educational, government, industry, foundations and other areas in the work of STEM faculty development across the country and internationally. Members of the collaboratory participate in a variety of activities such as research projects, delivery of faculty development, engagement in collaborative work at universities, and a number of other projects. Most recently, the SFDC delivered an NSF CAREER proposal workshop for STEM graduate students and faculty.

**RESEARCH AGENDA AND WORKSHOP**

Expectations for faculty members in the 21st century are high. Early career STEM faculty are expected to establish a sustainable research trajectory, a teaching practice, and a leadership role all while pursuing tenure success. Many colleges and universities have established faculty development programs, but there remains a deficiency in **holistic** professional support (for **teaching**, **research**, **leadership**, and **service**) that integrates these disparate professional activities and aligns them with desired individual and institutional goals, especially for faculty in STEM. The research agenda work is designed to bring together multiple stakeholders to begin to establish a research agenda for holistic STEM faculty development. **See back for research agenda.**

If you are interested in contributing to the research agenda development, please email our team.

**Upcoming presentations and conferences**


**POD NETWORK CONFERENCE:** We will be there for informal discussions and connection. Let us know if you are attending and interested in collaborating.

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Preliminary Research Agenda

THREAD ONE - INPUTS
The thread of holistic faculty development inputs focuses on topics related to the characteristics of faculty members and institutions that serve as barriers or supports to the adoption and implementation of holistic STEM faculty development programs.

THREAD TWO - MECHANISMS
The mechanisms/processes thread focuses on topics related to the actual implementation of STEM faculty development and we consider the potential models or structures of STEM faculty development that are currently in place or conceptualized in theory.

THREAD THREE - OUTPUTS
The thread of outputs focuses on how to best understand the influence of STEM faculty development on identity in relation to faculty development, and how faculty development influences overall faculty wellbeing, career satisfaction, work-life balance, etc.

Participant visualization of threads

Participant visualization of how threads fit together

Next steps and need for collaborators

National Research Agenda Draft