Summary of STEM FIG Discussion

April 30, 2019

**Topic:**

Discussion of plans for a study of challenges to and strategies for student success in STEM at KCC

**Goal:**

Identify obstacles and challenges to student success in STEM at KCC, and determine to what extent evidence-based strategies are employed at KCC to address these challenges

**Challenges:**

* Gender or racial achievement gap
* Faculty mindset (fixed vs. growth)
* Student mindset
* Others?

**Strategies employed at KCC:**

* Timing of pre-requisites
* Contextualized math
* Learning communities
* Authentic research
* Targeted faculty development
* Others?

**Planning:**

* Identify additional challenges at KCC
* Identify tools to assess whether or to what extent these exist at KCC
* Identify additional strategies
* Identify methods to asses to what extent or with what efficacy these are employed at KCC

**Resources:**

* Students
* Faculty
* IR
* KCeL
* KCTL