

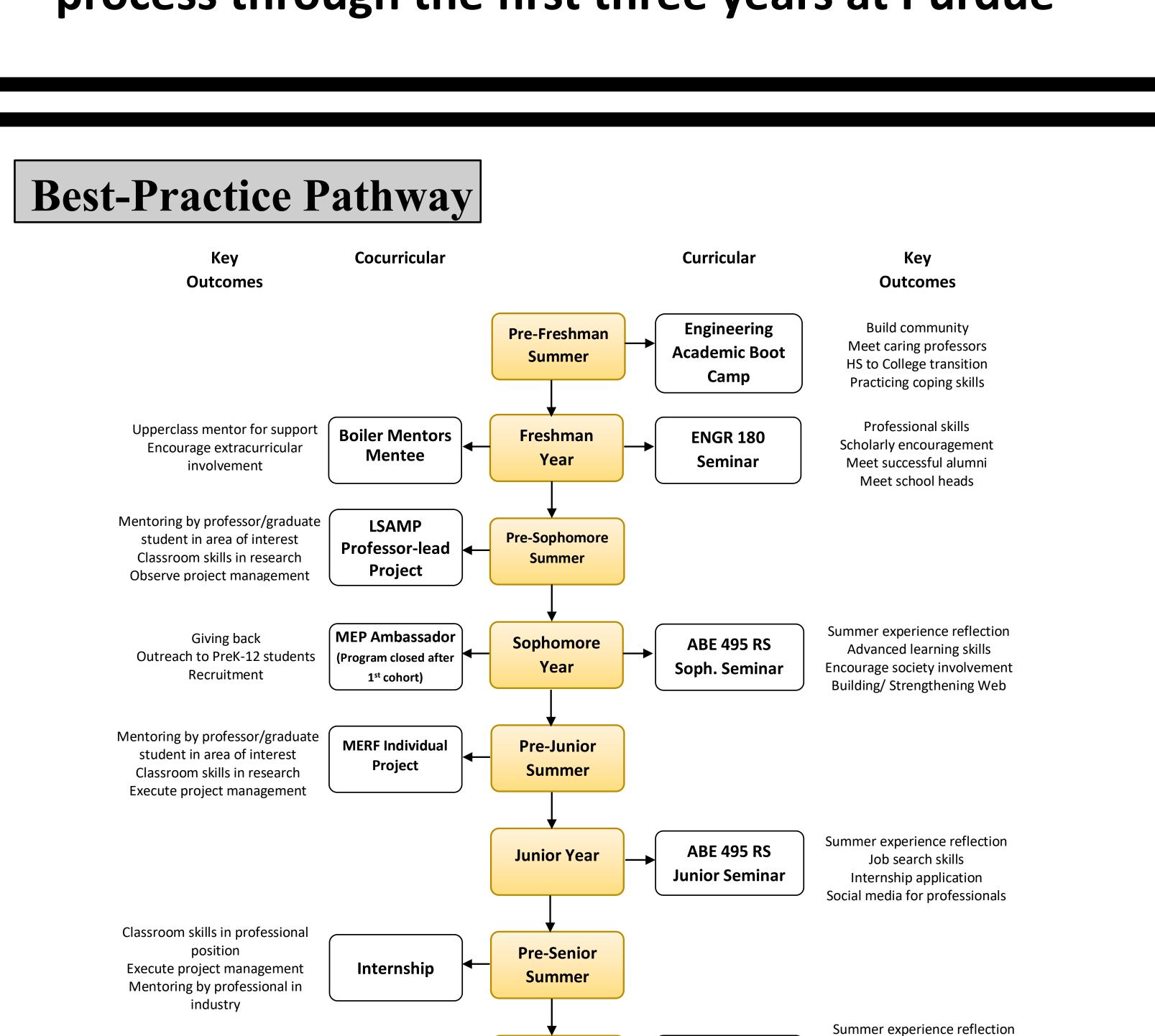
Agricultural and Biological Engineering Program Minority Engineering

2023 ASEE Annual Conference - Baltimore

Rising Scholars: The Development of Professional Mentors to Supplement Low Socio-Economic Students' Webs-of-Support

Research Objectives

- * Investigating whether the quality of a student's web of support network can act as an indicator of collegiate and career success
- * Analyzing the quality of each Rising Scholar's web of support during the RS application process through the first three years at Purdue

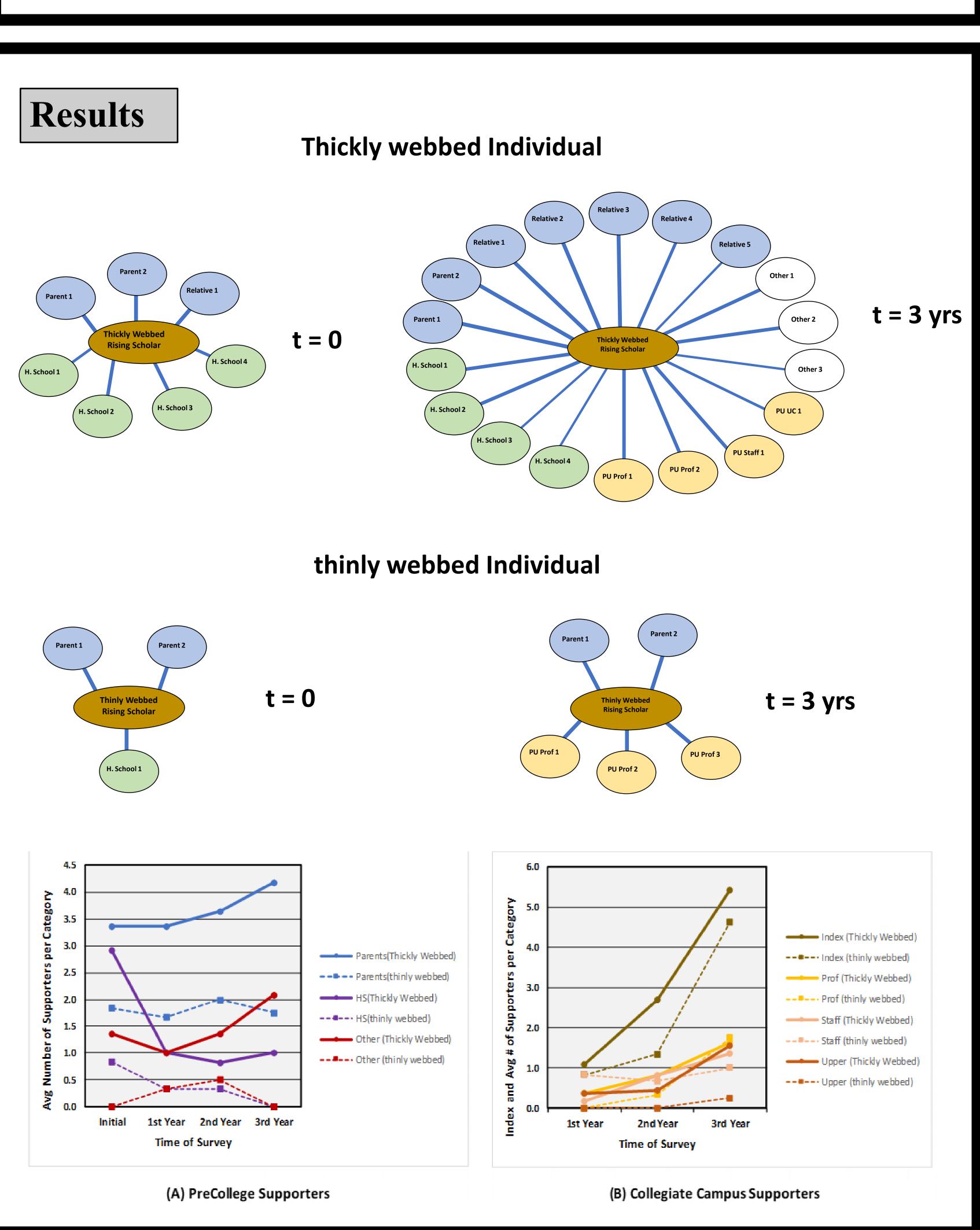


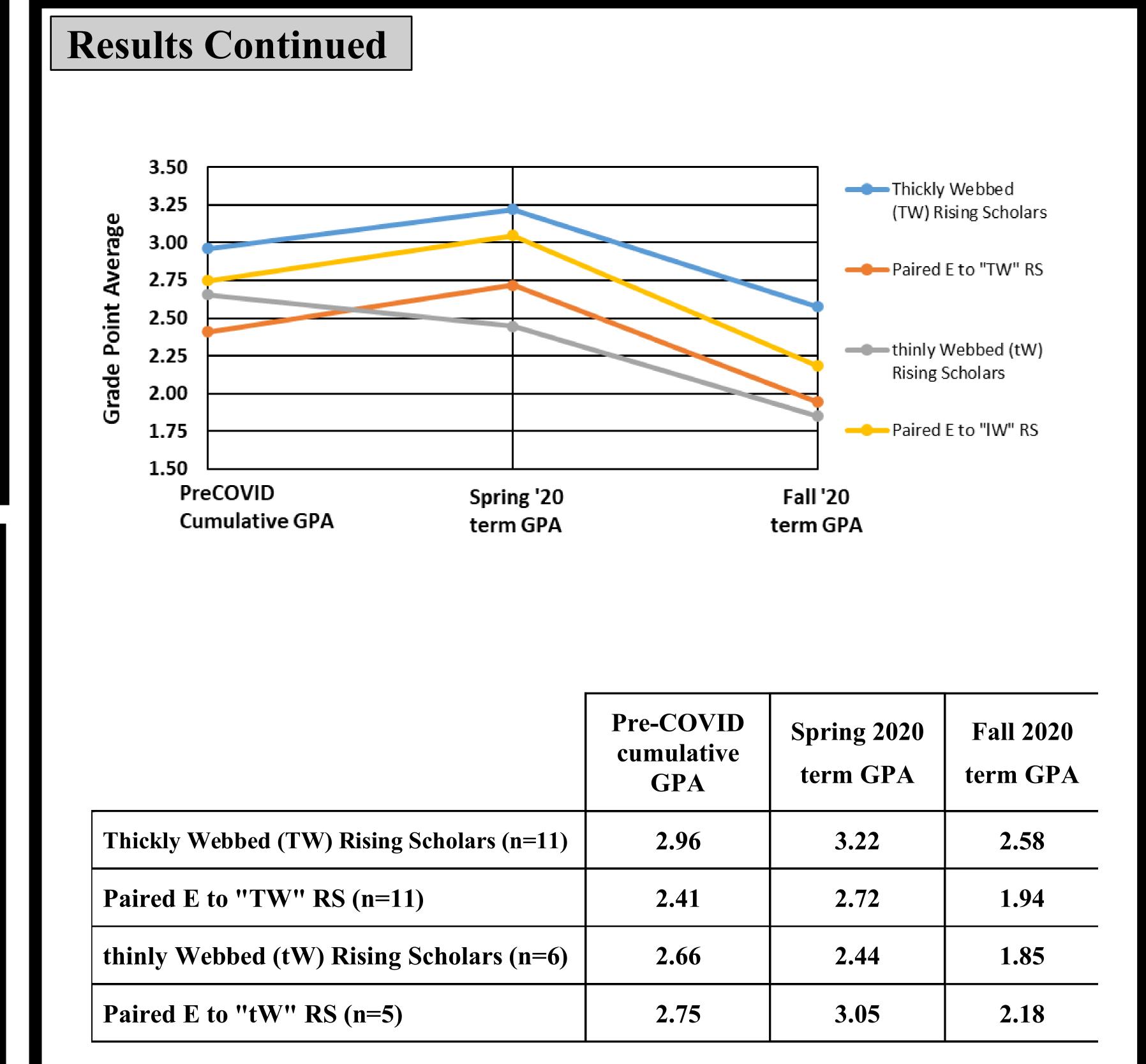
Definitions

- *A "thickly-webbed" student entered the university with a combination of at least five mentors that were actively engaged in their lives
- * A "thinly-webbed" student entered with a lower number of supporters who were less engaged in their lives

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Conclusions

- * All students learned the support web method to some degree.
- * Thickly webbed students entering the program began to fill their webs with university people more quickly and with more individuals.
- * Thinly webbed students began the epidemic with comparable GPAs as their paired engineering students, but were the group that were affected most.
- Thickly webbed individuals had the highest GPA average prior to the epidemic and continued that trend in the initial semester COVID hit and the following semester.

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