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*Cultivating Mathematical Growth: Designing a Summer Program to Foster Skill Development in Undergraduates*

Many traditional undergraduate summer programs often prioritize early research experiences, yet 2nd- and 3rd-year students can frequently benefit from intentional skill-building opportunities at this stage of their development. In this talk, I will discuss work in progress on the design and implementation of a summer program that aims to strengthen key competencies in creativity, collaboration, mathematical communication, and open-ended problem solving. The program also aims to create mentoring opportunities, experimenting with various forms of vertical integration with more senior undergraduate students, graduate students, or postdocs. I will outline the departmental and student context, recent iterations of the program, outcomes achieved so far, and future plans for this project. Our long-term aim is to better prepare students for advanced coursework, future research, and professional growth. This is joint ongoing work with L. Daniels.