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*An Overview of the University of Kentucky Math Lab.*

The University of Kentucky Math Lab is relatively new, having been active for the last year. In that time, we have established four research projects under faculty guidance. These projects include topics in tropical geometry, combinatorics, formal group laws, and persistent homology. In addition to these research projects, we also have groups working on mathematical visualization, including 3D printing and more tactile projects such as quilting and crochet. I will present an short overview of each of these projects with an emphasis on our visualization groups (Received September 23, 2018)