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**Rebecca Patrias\*** (patri080@umn.edu), **Ethan Alwaise**, **Ben Anzis**, **Shuli Chen**, **Yibo Gao**, **Jesse Kim** and **Zhaoqi Li**. *Vanishing Schur Functions*. Preliminary report.

Choose a random homomorphism from the symmetric functions to any finite field. What is the probability that a given Schur function is sent to zero? This is a preliminary report based on research done with undergraduates at the University of Minnesota Combinatorics REU in 2016. (Received July 18, 2016)