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**David Shoup\*** ([david.shoup@alvernia.edu](mailto:david.shoup@alvernia.edu)). *Optimizing Compositions of Popular Pharmaceutical Drugs*. Preliminary report.

Pharmaceutical companies constantly seek to improve the efficacy of their drugs while subject to various constraints such as friability, size, and overall cost. Because the compositions of many popular drugs are widely promulgated, researchers can use optimization techniques to improve overall drug design and thus will provide the industry with a more efficient and effective product. (Received September 22, 2018)