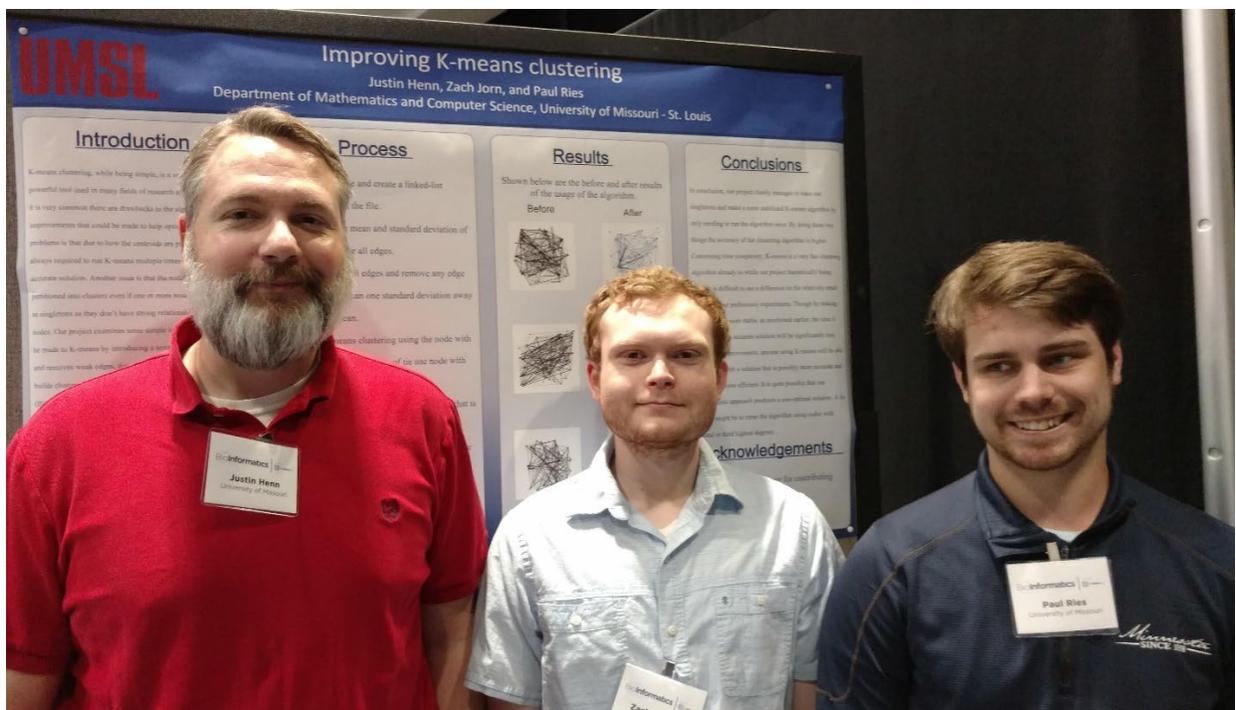


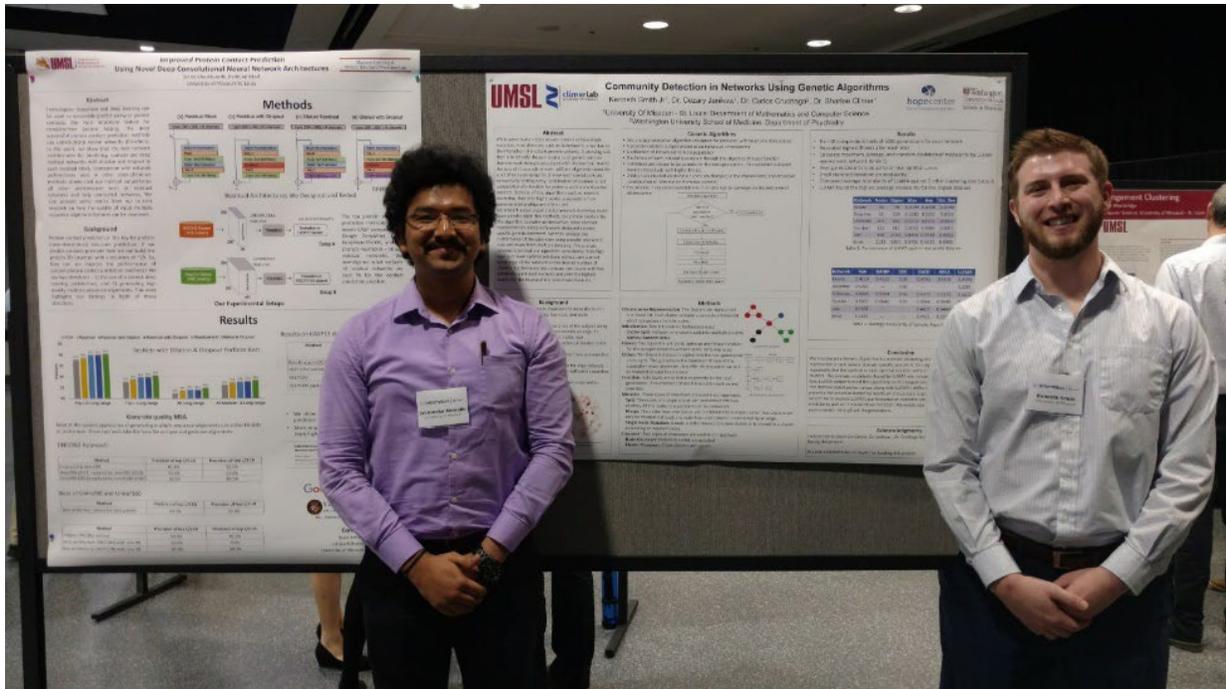


Eight Students Present Research at Data Science Conference

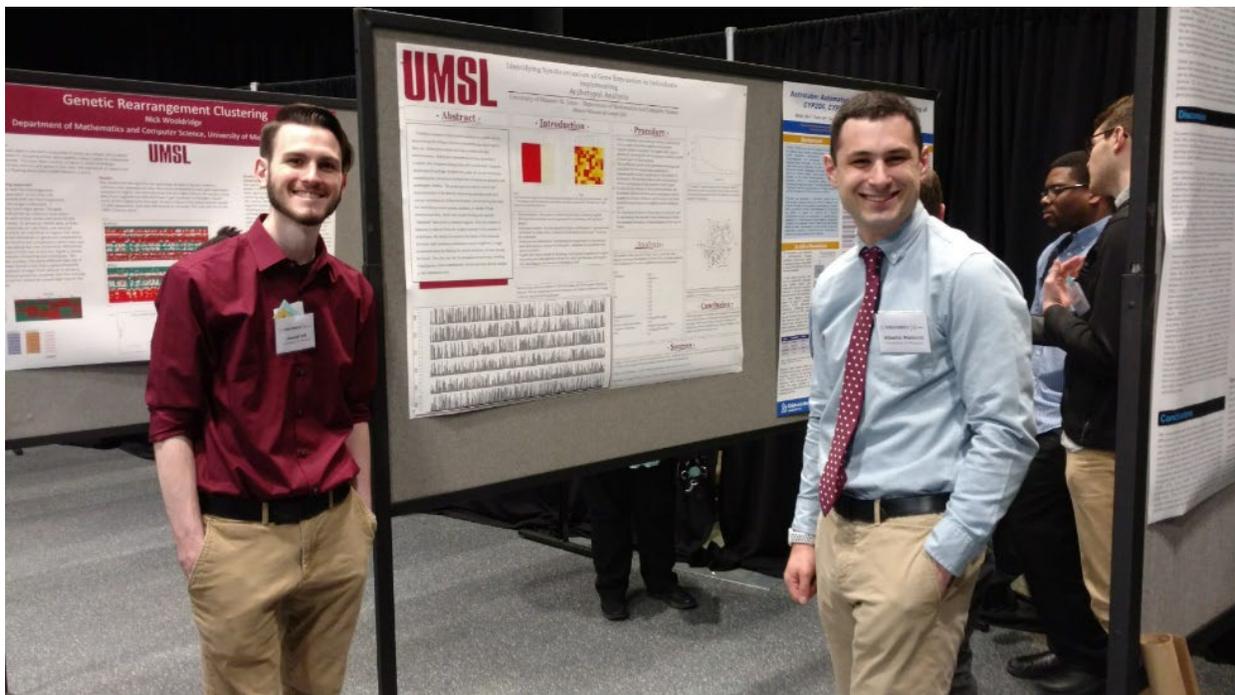
Eight students in UMSL's Department of Mathematics and Computer Science presented their research at the **2019 Midwest Bioinformatics Conference** in Kansas City. Graduate students Sri Harsha Akurathi and Kenneth Smith, along with undergraduates Justin Henn, Joseph Hill, Zachary Jorn, Alberto Maiocco, Paul Ries, and Nick Wooldridge, attracted a steady flow of researchers interested in their projects. The students are mentored by Assistant Professors Badri Adhikari and Sharlee Climer.



(Left to right) Justin Henn, Zachary Jorn, and Paul Ries presented their *Improving K-means Clustering* project.



Sri Harsha Akurathi (left) presented *Improved Protein Contact Prediction Using Novel Deep Convolutional Neural Network Architectures* and Kenneth Smith presented *Community Detection in Networks Using Genetic Algorithms*.



Joseph Hill (left) and Alberto Maiocco presented *Identifying Synchronization of Gene Expression in Individuals implementing Archetypal Analysis*.

