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## **Discrete Mathematics Seminar**

Time: Friday, October 18, 2019, 2:15-3:15 PM  
Room: 330 Derrick Hall  
Title: A Grab-Bag of Results Concerning Driver Searching for Parking Spots on Digraphs  
Speaker: Dr. Westin King, Department of Mathematics, Texas State University

### Abstract:

One of the many interpretations of parking functions is that of drivers, each with a preferred spot, searching a linear parking lot for an empty space to park. I will extend this analogy to digraphs (complete with proof this time) and discuss several nice enumerative results concerning specific families of digraphs, special types of parking functions, and statistics defined on parking functions.