**City of Arlington data research areas with point of contact**

- **Entertainment District traffic and pedestrian management** – The City manages vehicle traffic in the Entertainment District during baseball and football games in a way that allows parking lots and streets to clear in a total of 1.5 hours – a best practice among sports stadiums across the nation. Pedestrian traffic is managed similarly. Both volumes will increase with additional venues such as Texas Live! coming on-line in 2018.
  
  - Goal – The City would like to work with UTA researchers to investigate the way traffic management, engineering and public safety elements are used to create this efficient outcome. The City is open to additional efficiencies that the researchers could suggest and to a joint effort to develop a system that could be used in other entertainment venues across the nation.
  
  - Data – Available data includes vehicle counts, traffic cameras, traffic flows, signal timing, traffic control program and pedestrian counts.
  
  - Point of Contact for the City of Arlington: Mindy Carmichael, Director of Public Works and Transportation, Mindy.Carmichael@arlingtontx.gov, 817-459-6552.

- **Handitran Ecolane data** – Arlington’s Handitran paratransit system provides door-to-door transportation for elderly and disabled residents. In dispatching its fleet of buses and taxis, it utilizes a system provided by Ecolane, a company operating in North America and Finland and providing intelligent transportation software specifically for paratransit systems. Arlington is quite literally, the poster child for Ecolane, which features Handitran’s success story on its website as a downloadable case study.
  
  - Goal – The City would like to work with UTA researchers and Ecolane to maximize our use of this dispatch software system and to see if our expertise in running our paratransit system can be monetized to other paratransit providers.
  
  - Alternate goal – Because traffic flow information throughout the city is gathered by Handitran vehicles almost 24 hours every day in all areas of the city, there may also be a broader look at our traffic flow street design that could be used to draw conclusions about vehicle behavior in Arlington.
  
  - Data – Available data in the Ecolane system is voluminous. It includes vehicle location information in ten second intervals, individual trip statistics, passenger management, scheduling, manifest building and dispatching, real time optimization, GPS tracking and guidance, and more.
  
  - Point of Contact for the City of Arlington: Bob Johnson, Handitran Transit Manager, Bob.Johnson@arlingtontx.gov, 817-459-6420.
- **Community Paramedicine program** – In partnership with a local hospital, the Arlington Fire Department began the Community Paramedicine program to ensure that individuals discharged from the hospital are following the protocols and medications prescribed by their physicians. Community paramedics are two-person teams who visit patients in their homes multiple times post-hospitalization. Rough estimates by the Fire Department indicate that the program has saved the local hospital over $1.5m with an investment of approximately $100k.

  - **Goal** – The City is interested in working with researchers to determine the monetary and health benefits of this program as well as seeing if it can be replicated on a larger scale and in other communities.
  - **Data** – Available data will need to be determined in discussion with the Fire Department to ensure that patient privacy if maintained.
  - **Point of Contact for the City of Arlington:** David Stapp, Assistant Fire Chief. [David.Stapp@arlingtontx.gov](mailto:David.Stapp@arlingtontx.gov), 817-459-5503.

- **Predictive neighborhood data** – The City works with neighborhoods through its Code, Animal Services, Water Utilities, Community Development and Planning and Library departments. A great deal of data is available about neighborhoods from this work. The City also has limited resources in all of these areas to deploy in neighborhoods.

  - **Goal** – The City is interested in determining if any of the data collected during neighborhood service can be used in a predictive manner to determine what challenges may come next for neighborhoods to help with the efficient deployment of resources to meet those challenges. Also, the City is interested in any information that can be found which can determine which if any services deployed in advance can prevent those challenges from coming to the neighborhoods in the first place.
  - **Data** – Available data by address includes water service cut offs, stray dogs, code violations, library cards, building permits, crime statistics, and other land information such as zoning, land use etc.
  - **Point of Contact for the City of Arlington:** Mike Bass, Code Compliance Administrator, [Mike.Bass@arlingtontx.gov](mailto:Mike.Bass@arlingtontx.gov), 817-459-5341.