The Texas A&M Institute for Data Science is a forthcoming university initiative that will provide leadership in the development of data science as a new discipline. The Institute will satisfy the diverse data collection, management, security and analysis requirements of researchers, students and partner organizations throughout the university.

The Institute for Data Science will place Texas A&M on a path to enable innovations in all areas of scholarship and to become a world-class institution in multidisciplinary collaboration through data science, analytics and related areas. It will facilitate interactions among researchers across the emerging field of data science through:

- Data Collection
- Cyber Security
- Statistics
- Modelling and Simulation
- Virtual Reality
- Digital Humanities
- Analytics
- Hardware
- Software

The Institute for Data Science will recruit the best minds in a diverse discipline and invest in new and emerging technology to spur interdisciplinary research.
Research

The Texas A&M Institute for Data Science will recruit the best minds in a diverse discipline and invest in new and emerging technology (both proprietary and open protocol) to spur interdisciplinary research. This effort will:

- Enrich work in basic and applied data science
- Influence policies at state, national and global levels
- Spur interdisciplinary research by unifying diverse expertise
- Facilitate the development of data-specific grant proposals

Education and Outreach

Educational opportunities will include:

- Training in tools for data science researchers
- Undergraduate courses
- Graduate certificates
- Degrees in data science that will provide opportunities to satisfy the demand for data science skills from employers

Applications and Service

The Institute for Data Science will serve as a university-wide data science infrastructure to benefit the larger university community with service-oriented activities in:

- Hardware and software
- Human expertise
- Data collection, storage, synthesis, and sharing

For more information about supporting the Texas A&M Institute of Data Science, contact:

Don Birkelbach ’70
Senior Regional Director of Major Gifts
(979) 845-7560
dbirkelbach@txamfoundation.com