1. Education and Training
   - Rowan is becoming a major hub for medical, health science and biomedical studies in South Jersey
     - Established Cooper Medical School in partnership with Cooper Hospital
     - Created School of Biomedical Sciences starting July 2012
     - Developing College of Health Sciences collaboration with Rutgers Camden School of Osteopathic Medicine will join Rowan starting January 2013
     - Graduate School of Biomedical Sciences at SOM will join Rowan next year
   - Focusing on Big Data for health
     - Creating Health Data Analytics program offering an MS and certificate options in Computational Data Analytics and Health Data Management
   - Examining the feasibility of adding big data studies in areas outside health
   - Having access to health data for education and research purposes

2. Multidisciplinary Research Expertise
   - Big data expertise in College of Engineering, and College of Science Mathematics
     - Signal Processing & Pattern Recognition Lab (SPPRL) at Rowan
     - Software Engineering, Graphics, and Visualization (SEGV) Lab
     - Analysis of
       - large volumes of streaming data
       - nonstationary data
       - genomic data (in collaboration with Drexel)
       - biomedical data (EEG, MRI, PET, etc.)
       - air traffic data (in collaboration with the FAA)
     - Extracting knowledge from Big Data through
       - algorithms and statistics
       - advanced visual analytics

3. Infrastructure
   - Available in support of current Big Data for health and aviation projects in SPPR and SEGV Labs
   - Planning is underway for infrastructure to support Data Analytics Research Center and E-Health Data Laboratory

4. Industry Partnerships
   - Initiated creation of Big Data-Special Interest Group (BD-SIG) at IEEE Communication Society
   - A senior scientist from AT&T leading the creation of HDA at Rowan
   - Establishing contacts with hospitals, pharmaceuticals, insurance companies in South Jersey as well as Delaware and Pennsylvania
   - Federal Aviation Administration

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