The recent emergence of Big Data ushered in many applications that are vast and varied. Though data quality problems existed before, the advent of Big Data adds new dimensions as well as exacerbates data quality problems. We seek submissions for the September 2016 special issue on Data Quality in Big Data: Problems and Solutions.

The guest editors solicit papers covering all areas of data quality issues in the context of Big Data including data acquisition, data cleaning, semantics and meta data generation, transformations and multi-modal data fusion, data modeling and storage, query execution and workflow optimization, and analytics. Suggested topics include, but are not limited to, the following in Big Data context:

- Data sampling, aggregation, and anomaly detection.
- Data acquisition, cleaning, semantics and meta data generation in application domains such as Bioinformatics, Healthcare, Smart cities, Smart grid, and Internet of Things (IoT).
- Fully automated approaches to streaming data error detection and correction.
- Data transformations and multi-modal data fusion.
- Big Data quality frameworks and standards.
- Big Data quality metrics.
- Data quality assessment, enforcement, and management.
- Declarative data constraints specification and enforcement.

The guest editors for this special issue are Venkat Gudivada (gudivadav15@ecu.edu), East Carolina University; Vijay Raghavan (vijay@cacs.louisiana.edu), University of Louisiana; and Laure Berti-Equille (lberti@qf.org.qa), Senior Scientist, Qatar Computing Research Institute, Hamad Bin Khalifa University, Doha, Qatar.

Interested authors should send a one-page white paper to the guest editors by 15 January 2016 via email. Full paper submissions are due by 1 April 2016. For author guidelines and information on how to submit a manuscript electronically, visit [http://www.computer.org/web/tbd/author](http://www.computer.org/web/tbd/author)