

Deborah D. Flint, PE
Senior Director, Performance Engineering, Ambulatory Services
UAB (University of Alabama at Birmingham) Medicine

Deborah Flint is Senior Director of UAB Medicine's Performance Engineering Department where she leads a team of industrial engineers committed to improving the efficiency, quality, and delivery of healthcare at UAB Medicine ambulatory clinics.

Throughout Flint's 34 year career in healthcare, she has served in various roles at UAB Medicine that have utilized her industrial engineering background to improve healthcare operations. Flint worked at UAB Hospital from 1986 – 2010 as a Management Engineer, Senior Productivity Engineer, and Hospital Business Manager for Radiology. In 2010, Flint transitioned from inpatient to outpatient operations at UAB Medicine. In 2012, Flint started the Performance Engineering Department to serve as in-house consultants providing Lean Six Sigma process improvement services and computer simulation modeling for The Kirklin Clinic of UAB Hospital and other UAB Medicine ambulatory clinics throughout the state. With growth in outpatient services, the demand for computer simulation modeling services has grown and has been instrumental in healthcare operations, specifically with redesigning processes, identifying needed resources, designing new facilities, and renovating existing outpatient facilities.



In addition to leading the UAB Medicine Performance Engineering team, Flint has a passion for mentoring and coaching students from university departments such as Auburn University Industrial & Systems Engineering and UAB School of Health Professions. Since 2015, Flint has provided Lean Six Sigma healthcare projects for Auburn University Industrial and Systems Engineering senior design teams. In 2019, Flint coordinated efforts to create a research partnership between UAB Medicine and Auburn University Industrial & Systems Engineering with the goal to alleviate provider burnout through the use of lean and other industrial engineering applications to improve provider workflows, including interaction with the electronic health record.

Flint has served in multiple leadership roles for professional societies including the Institute of Industrial & Systems Engineers (IISE) and the Healthcare Information and Management Systems Society (HIMSS). Flint is designated as a Diplomate in the IISE Society for Health Systems and is designated as a Fellow in the Healthcare Information and Management Systems Society. Flint has presented to various professional groups locally and nationally, and has co-authored a chapter in the book, *Management*

Engineering. A Guide to Best Practices for Industrial Engineering in Health Care (CRC Press Taylor & Francis Group, 2014). Flint currently serves on the Auburn University Industrial & Systems Engineering Alumni Council and the UAB Healthcare Management Advisory Board.

Flint earned a bachelor degree in Industrial Engineering from Auburn University (1985), along with a Master of Business Administration (1990) and Master of Science in Healthcare Quality and Safety (2017) from the University of Alabama at Birmingham. Flint is registered as a professional engineer in the state of Alabama (1993) and is a Lean Six Sigma Black Belt (2013).

Flint and her husband, Wayne, have two sons: Kyle and Alex.