

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
 Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Susan H. Fenton

eRA COMMONS USER NAME (credential, e.g., agency login): SFENTON1220

POSITION TITLE: Associate Dean for Academic & Curricular Affairs and Associate Professor

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	Completion Date MM/YYYY	FIELD OF STUDY
University of Texas Medical Branch, Galveston, TX	BS	08/1987	Health Information Management
University of Houston, Houston, TX	MBA	05/1990	Business Administration
Texas A&M School of Public Health	PhD	05/2007	Health Services Research

A. Personal Statement

I spent more than 20 years working in healthcare organizations assisting clinicians in the implementation and utilization of health information technology, including electronic health records (EHRs). My doctoral degree in health services research focused on using health information technology to improve health care delivery. Since 2009 I have been involved in training health care providers and support personnel to effectively utilize EHRs for preventive and other services. I have led the Center for Quality Health IT Improvement (CQHII) at SBMI for the past 8 years. I have been the SBMI academic dean for a decade. In that role I have developed a “first-in-the-nation” professional doctoral degree in health informatics. I have led multiple successful Office of the National Coordinator for Health Information Technology (ONC) workforce development grants involving for-credit, as well as professional development, training and internships. I have consulted with other universities on the development of graduate degree programs and I have served as Program Director for a summer bootcamp focused on teaching basic research skills to underrepresented students. I received the UT Regents’ Outstanding Teaching Award in 2019, was inducted into the Shine Academy of Master Teachers in 2020, was named a UT System Distinguished Teaching Professor that same year, and received the 2021 UTHealth Houston Presidents Scholar Award for Teaching.

B. Positions, Scientific Appointments, and Honors

- 2007 – 2009 Director of Research – AHIMA Foundation of Research and Education in HIM, Chicago, IL
- 2009 – 2013 Assistant Professor, HIT Institute Director – Texas State University, San Marcos, TX
- 2013 – 2016 Assistant Professor, UT School of Biomedical Informatics at Houston, TX
- 2013 – 2014 Assistant Dean for Academic Affairs, UT School of Biomedical Informatics at Houston, TX
- 2014 – 2019 Associate Dean for Academic Affairs, UT School of Biomedical Informatics at Houston, TX
- 2016 – 2023 Associate Professor, UT School of Biomedical Informatics at Houston, TX
- 2020 – present Associate Dean for Academic & Curricular Affairs, UT School of Biomedical Informatics at Houston, TX
- 2014 – present Director, Center for Quality Health IT Improvement, UT School of Biomedical Informatics at Houston, TX
- 2023 – present Professor, UT McWilliams School of Biomedical Informatics at Houston, TX

Honors

2004 – Laurence G. Branch Doctoral Student Research Award - Honorable Mention at the APHA 132nd Annual Meeting and Exposition
2011 – Fellow; American Health Information Management Association
2011 – Assistant Professor Award for Scholarly/Creative Excellence; College of Health Professions; Texas State University
2012 – American Health Information Management Association Triumph Award for Research
2019 – The University of Texas Regents' Outstanding Teaching Award
2020 – Inducted into the Kenneth I. Shine, MD, Academy of Health Science Education
2020 – UT System Distinguished Teaching Professor
2021 – UTHealth President's Scholar Award for Teaching

C. Contributions to Science

1. IT Interventions for Improved Care

Since 2014 I have been the Director of the Center for Quality Health IT Improvement, with federal and state funding to support the adoption of EHRs and other technologies in primarily underserved physician practices and critical access hospitals. EHRs and health information technology will only improve care delivery and patient safety if they are implemented with attention to workflow and clinician needs.

Valerio-Shewmaker, M., Frachieur, G., Savas, L., Rosen, A., Ibekwe, L., Costa, C., English, A., Balasubramanian, B., Rogith, D., Foxhall, L., Fenton, S., Walker, T., Craig, D., Allen, C., McGaha, P., Chenier, R., Hines, D., Padilla, J., Amos, C., ... Fernandez, M. (2022, December 12). *Developing strategies to increase implementation of evidence-based interventions for colorectal cancer screening in federally qualified health centers: An implementation mapping approach*. 15th Annual Conference on the Science of Dissemination and Implementation.

Hart-Hester S., Jones W., Watzlaf V.J., Fenton S.H., Nielsen C., Madison M., Arthur C., Marbury D., Rudman L., Patterson R., Reynolds R., Rudman W. "Impact of creating a pay for quality improvement (P4QI) incentive program on healthcare disparity: leveraging HIT in rural hospitals and small physician offices." *Perspectives in Health Information Management*, 5, no. 14, Fall 2008, 1-13

Giannangelo, K., Fenton, S.H., "SNOMED CT Survey: An Assessment of Implementation in EMR/EHR Applications", *Perspectives in Health Information Management*, 5, no. 7, Spring 2008, 1-13

2. Workforce Development

As someone who worked in industry prior to joining academia, I have made developing knowledgeable workers with marketable skills a key focus of my role as an academic dean. It is important that any type of training results in usable skills that are current. Perhaps most important is helping students learn how to learn so they can continue to develop as technology continues to evolve.

Fenton, S. H., Marc, D. T., Kennedy, A., Hamada, D., Hoyt, R., Lalani, K., Renda, C., & Reynolds, R. B. (2022). Aligning the American Health Information Management Association Entry-level Curricula Competencies and Career Map With Industry Job Postings: Cross-sectional Study. *JMIR Medical Education*, 8(3), e38004.

Fenton, S. H., Ross, A., & Simmons, D. (2019). Training Leaders in Health Informatics. *Studies in Health Technology and Informatics*, 264, 1184–1188.

Marc, D., Butler-Henderson, K., Dua, P., Lalani, K., & Fenton, S. H. (2019). Global Workforce Trends in Health Informatics & Information Management. *Studies in Health Technology and Informatics*, 264, 1273–1277.

Fenton, S.H., Low, S., Abrams, K.J., and Butler-Henderson, K., "Health Information Management: Changing with Time," *Yearbook of Medical Informatics*, (2017). 26 (01). 72-77.

A complete listing of citations is available at: <http://www.ncbi.nlm.nih.gov/sites/myncbi/1-Sp65AExR-kj/bibliography/47406972/public/?sort=date&direction=ascending>.