

Angela Marie Ross
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Curriculum Vitae

Current Position/Title and Rank

Assistant Professor, University of Texas Health Science Center Houston, School of Biomedical Informatics

Military Positions

Acting Chief System Service and Design, Engineering Design and Deployment (EDD), Defense Health Agency (DHA)
Chief Medical Information Officer, US Army Medical Information Technology Center (USAMITC)
Nurse Consultant/Project Manager, Electronic Health Record, USAMITC

Licensure/Certifications

Registered Nurse, TX
ITIL Foundation Certification
Department of Defense (DoD) Acquisition Career Field (Information Technology) Level III
Project Management Professional (PMP)
ANCC Public Health Nursing Certification
TapRooT® Advanced Root Cause Analysis Team Leader
TeamSTEPPS Master Trainer

Education

2014 DNP University of Maryland at Baltimore, Baltimore, MD (Informatics, Executive Leadership)
2008 GradCert Villanova University, Villanova, PA (IS/IT Project Management)
1998 MS University of Maryland at Baltimore, Baltimore, MD (Nursing Informatics)
1990 MPH Tulane University, New Orleans, LA (Public Health)
1983 BS Dillard University, New Orleans, LA (Nursing)

Military Service

1983-2005 United States Army, Retired with Honorable Discharge at rank of LTC

Postgraduate Training

2016-2017 Health Educators Fellowship Program (HEFP), UTHealth, McGovern Medical School, Houston, Texas
2016 TeamSTEPPS® Master Trainer, US Department of Health and Human Services, Agency for Healthcare Research and Quality

Academic Service

Reviewer, Abstracts, American Public Health Association National Conference, 2017, San Diego, CA
Reviewer, Abstracts, American Medical Informatics Association Informatics Summit, 2019, San Francisco, CA
Judge, Poster Session at UTHealth 2019 Advances in Teaching and Learning Day Conference, June 2019, Houston, TX
Reviewer, Grants, National Institutes of Health (NIH), June 2019, Bethesda, MD

Employment

Academic Employment

2015-Present	University of Texas Health School of Biomedical Informatics	Assistant Professor
2017-Present	University of Texas Health School of Public Health, Brownsville, TX	Adjunct
2009-Present	University of Texas Health School of Nursing, San Antonio, TX	Adjunct

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2005-2007 Uniformed Services University of the Health Sciences, Bethesda, MD DoD TeamSTEPPS Instructor

Performance Improvement/Electronic Health Record Projects

2017- Houston Methodist Hospital, Houston, TX.
2017- UTH School of Public Health, DSRIP, Brownsville, TX
2016- Oncology Consultants, Houston, TX.
2016- Memorial Hermann, Director of Nursing Operation Office, Houston, TX
2016- Healthcare for the Homeless Houston, Director of Clinical Operations, Houston, TX
2016-2018 Doctor Hospital At Renaissance, Tumor Registry, Edinburg, TX.
2016-2017 Health Care Access San Antonio, Health Information Exchange, San Antonio, TX

Other Employment

2015-Present	University of Texas Health School of Biomedical Informatics Houston Texas, TX	Assistant Professor
2015-Present	University of Texas Health School of Nursing San Antonio, TX	Assistant Clinical Professor Informatics
2013-2015	Defense Health Agency (DHA), San Antonio, TX	Acting Chief, System Service and Design (SSD), DHA
2012-2015	Defense Health Agency (DHA)/U.S. Army Medical Information Technology Center (USAMITC), San Antonio, TX	Chief Medical Information Officer
2010-2013	University of Texas Health Science Center San Antonio, TX	Assistant Clinical Professor Informatics
2009-2012	US Army Medical Information Technology Center San Antonio, TX	Nurse Consultant/Project Manager Information Technology
2008-2009	Core Business Solutions San Antonio, TX	Project Manager Information Technology
2007-2008	IMS Government Solutions San Antonio, TX	Project Manager Information Technology
2005-2007	US Army Medical Command San Antonio, TX	Patient Safety Nurse Consultant
2004-2005	US Army Medical Department Center and School San Antonio, TX	Army Nurse Corps Personnel Proponency Staff Officer
2003-2004	U.S. Army Medical Command San Antonio, TX	Community Health Nurse Staff Officer
2002-2003	Brooke Army Medical Center San Antonio, TX	Chief, Community Health Nursing Regional Consultant

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1999-2002	Human Resource Command Alexandria, VA	Army Nurse Corps Personnel Officer
1997-1999	Walter Reed Army Medical Center Washington, DC	Assistant, Chief Community Health Nursing
1994-1996	Aberdeen Proving Ground Aberdeen, MD	Chief, Community Health Nursing, Occupational Health Consultant
1996	U.S. Department of Health and Human Services Washington, DC	Army Nurse Corps Fellow (Put Prevention into Practice)
1992-1994	U.S. Army Recruiting Command San Antonio, TX	Army Nurse Corps Recruiter
1989-1992	Reynolds Army Community Hospital San Antonio, TX	Community Health Nurse
1987-1988	Salis B. Hayes Army Community Hospital Fort Ord, CA	Community Health Nurse
1983-1986	William Beaumont Army Medical Center El Paso, TX	Intensive Care/Dialysis Nurse

Awards and Honors

Academic Awards and Honors

John P. McGovern UTH School of Biomedical Informatics Teacher of the Year (2018)

Health Care For The Homeless Houston Volunteer of the Year (2018)

Winner Poster Presentation, Ross, A., Simmons, D., Fenton, S.H. (June, 2019). "Innovations in Professional Education: The Doctorate in Health Informatics". Health Educators Fellowship Program – Advances in Teaching and Learning Day, Houston, Texas

Military Awards and Honors (1983-2005)

Department of the Army Meritorious Service Medal (6th award)

Department of the Army Commendation Medal (4th Award)

Department of the Army Achievement Medal (2nd Award)

National Defense Service Medal (2nd Award)

Department of Army Armed Forces Reserve Medal

Department of the Army Service Ribbon

Global War on Terrorism Service Medal

Publications

Fenton, S.H., Ross, A., Simmons, D. (2019). Training Leaders in Health Informatics. *MedInfo*, submitted.

Ross, A., Feider, L., Nahm, E., Staggers, N. (2017). An outpatient performance improvement project: A baseline assessment of adherence to pain reassessment standards. *Military Medicine*. 182(5), pp. e1688–e1695.

<http://militarymedicine.amsus.org/doi/10.7205/MILMED-D-16-00104>

Poster Presentations

Ross, A., Simmons, D., Fenton, S.H. (February, 2019). “Innovations in Professional Education: The Doctorate in Health Informatics”. Presented at UT System Annual Innovations in Health Science Education Conference, Austin, Texas.

Ross, A., Simmons, D., Fenton, S.H. (June, 2019). “Innovations in Professional Education: The Doctorate in Health Informatics”. Health Educators Fellowship Program – Advances in Teaching and Learning Day, Houston, Texas

Smith, K., Ross, A. (June, 2017) “Predicting Student Success in an Introductory Graduate Biomedical Informatics Course”. Presented at UTHHealth 2017 Advances in Teaching and Learning Day, McGovern Medical School, Cooley University Life Center, Houston Texas

Reports and Manuals

Defense Health Agency. (2014). *Engineering, Design and Deployment Organization (SSD Section) Workflow Design and Functions Manual*. Fort Sam Houston, TX.

U.S. Army Center for Health Promotion and Preventive Medicine. (2005). *Preventive Medicine, Army Regulation, 40-5, Soldier, Family, Community Health, and Health Promotion Section*. Aberdeen Proving Ground, MD.

U.S. Army Center for Health Promotion and Preventive Medicine. (1996). *Department of the Army Put Prevention Into Practice Technical Guideline #19*. Aberdeen Proving Ground, MD.

Ross, Angela. (1997). *The informaticist’s impact on community health* (Unpublished masters program scholarly paper). University of Maryland School of Nursing, Baltimore, MD.

Invited Speeches/Lectures/Demonstrations/Presentations

International

Panel Speaker, 13th International Congress in Nursing Informatics, “EHR Workforce Education: Teaching 24/7”, June 2016, Geneva, Switzerland.

National

Plenary Speaker, “Using Informatics to Advance Research in Health Disparities: Coordinated care beyond clinical settings for patients with uncontrolled diabetes”, Health Equity Summer Research Summit, June 2019, Houston, TX.

Co-Presentation, “The Professional Doctorate in Health Informatics”, AMIA 2019 Informatics Educators Forum, June 2019, St. Louis, MO.

Presentation, “An Outpatient Performance Improvement Project: Workflow Analysis to Improve Care Coordination in the Homeless Population by Evaluating Patient Wait Times”, AMIA 2019 Informatics Summit, March 2019, San Francisco, CA.

Presentation, “The DNP Capstone”, The American Nursing Informatics Association, Houston Chapter, July 2018, Houston, TX.

Demonstration, “Virtual Worlds in Education: Using Second Life in Health Informatics”, 2018 Annual Academies Collaborative Conference, May 2018, UTH McGovern Medical School, Houston, TX.

Presentation, “Virtual Worlds in Education: Using Second Life in Health Informatics”, Texas Distance Learning Association Annual Conference, March 2018, Dallas, TX.

Presentation, “A Performance Improvement Project: Pain Reassessment”, University of Texas Health, San Antonio. Community Engagement and Healthcare Improvement (CEHI) Conference, September 2017, San Antonio Texas.

Presentation, “An Introduction to Clinical Informatics”, The Association for Healthcare Documentation Integrity Conference, July 2017, San Antonio, TX.

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Demonstration, "Using Canvas for Online Education", 2016 Annual Academies Collaborative Conference, UTH McGovern Medical School, Houston, TX.

Presentation, "A Performance Improvement Project: Pain Reassessment". University of Texas Health, San Antonio. Community Engagement and Healthcare Improvement (CEHI) Conference, September 2017, San Antonio Texas.

Presentation, "An Introduction to Clinical Informatics", The Association for Healthcare Documentation Integrity Conference, July 2017, San Antonio, TX.

Demonstration, "Using Canvas for Online Education", 2016 Annual Academies Collaborative Conference, UTH McGovern Medical School, Houston, TX.

Presentation, "Electronic Health Record and Patient Safety," July 2016, Code #RVG, (Rio Grande Valley) Technical Meeting, McAllen, TX.

Panel Moderator, UT Health Science Center, Summer Institute for Evidence Based-Practice Conference, "Community-based Patient Engagement Methodologies to Improve Patient Outcome", July 2015, San Antonio, TX.

Keynote Speaker, "System Service and Design," April 2014, Engineering Design and Deployment Conference, Defense Health Agency, San Antonio, TX.

Capstone Presentation, "Clinical Adherence to Pain Reassessment Standards and Protocols", May 2014, Brooke Army Medical Center, San Antonio, TX.

Presentation, "The Informatics Nurse as the Chief Medical Information Officer," July 2012, Summer Institute in Nursing Informatics, University of Maryland School of Nursing, Baltimore MD.

Keynote Speaker, "Population Health and Informatics," December 2011, University of Texas Health Science Center, San Antonio, TX.

Presentation, "Deployment of the Electronic Health Record in the Army Medical Department," May 2010, Defense Health Information Management System Conference, San Diego, CA.

Presentation, "Deployment of the Electronic Health Record," May 2010, Wilford Hall Medical Center Command Executive Meeting, San Antonio, TX.

Presentation, "US Army MEDCOM AHLTA Provider Satisfaction Program (MAPS)," September 2009, Annual MAPS Conference, Mclean, VA.

Keynote Speaker, "U.S. Air Force Environmental and Occupational Factors in Women's Health Study," May 2008, IMS Government Solutions, San Antonio, TX.

Presentation, "TapRooT® Analysis," 2007, U.S. Army Medical Department Quality Management Patient Safety Conference, San Antonio, TX.

Presentation, "Implementing TeamSTEPPS," 2007, Darnall Army Community Hospital, Fort Hood, TX.

Presentation, "Implementing TeamSTEPPS," 2007, Walter Reed Army Medical Center, Washington, DC.

Presentation, "Institute of Health's 5M Lives Campaign in Army Patient Safety," 2006, US Army Medical Department Quality Management Patient Safety Conference, Little Rock, AR.

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Presentation, "Implementing TeamSTEPPS," 2006, Uniformed Services University of the Health Sciences, Bethesda, MD.

Presentation, "Patient Safety and Preventing Sentinel Events," 2006, U.S. Army Medical Department Quality Management Patient Safety Conference, Rockville, MD.

Keynote Speaker, Preventive Medicine Program Management Graduation, "The Future of Preventive Medicine," 2005, Army Medical Department Center and School, San Antonio, TX

Presentation, "Army Nurse Corps Personnel Force Planning," 2004, Army Medical Department (AMEDD) Proponency Conference, AMEDD Center and School, San Antonio, TX.

Keynote Speaker, "The Nurse Executive," 2003, University of the Incarnate Word, San Antonio, TX

Presentation, "Army Nurse Corps Strength Management," 2002, Brook Army Medical Center, San Antonio, TX.

Presentation, "Army Nurse Corps Strength Management," 2001, Fort Campbell, KY.

Presentation, "Army Nurse Corps Strength Management," 2000, Fort Knox, KY.

Presentation, "Army Nurse Corps Strength Management," 1999, Walter Reed Army Medical Center, Washington, DC.

Presentation, "Put Prevention Into Practice," 1996, U.S. Army Center for Health Promotion and Preventive Medicine, Aberdeen, MD.

Presentation, "HIV and Community Health Nursing," 1994, U.S. Army Annual Health Promotion Conference, Baltimore, MD.

Presentation, "Nursing leadership," Student Nursing Association, St Louis University School of Nursing, 1993, St. Louis, MO.

Keynote Speaker, "Future Leaders," Reserve Officer Training Corps (ROTC) Graduation, 1992, Dillard University, New Orleans, LA.

Research Activities

U.S. Air Force Environmental and Occupational Factors in Women's Health study, in collaboration with Seton Hill University, Congressional Report, (2008), IMS Government Solutions, San Antonio, TX.

Teaching Activities

DoD TapRoot® Advanced Root Cause Analysis Team Leader

US Army Medical Command Patient Safety Program

DoD TeamSTEPPS Program

Curriculum Development (Blackboard), Clinical Nurse Leader program

Curriculum Development (Blackboard/Hybrid), Informatics, DNP and Graduate program

Professional Service (Current)

Sigma Theta Tau International Honor Society

American Nurses Association

Healthcare Information and Management Systems Society

Project Management Professional, National and Alamo Chapter

American Public Health Association

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Project Management

Project Management for UTH SBMI

2017-2018 Project Manager, Doctorate Health Informatics (DHI) Application, SBMI Program State Approved
2017-2018 Project Manager, Project Management Institute (PMP) Application, SBMI Program Internationally Registered Educational Provider (REP), Approved 2018

Consultation Profile: University of Texas Health, School of Public Health (SPH), Brownsville, TX

2017 - Project Management Continuing Education Project Managers
2017 - Project Management Delivery System Reform Incentive Payment (DSRIP) Restructure, Consultant
2018 - Quality Management Program Development, Implementation and Evaluation

University Committees

2018-Present UTH School of Biomedical Informatics Faculty Search Committee
2018-Present UTH School of Biomedical Informatics Faculty Development
2018-Present UTH School of Biomedical Informatics Curriculum Committee
2017-Present UTH School of Biomedical Informatics Admission and Progression Committee
2016-Present UTH System Biostatistics ITL Committee, Interprofessional Curriculum Development Biostatistics Course
2016-Present Center for Interprofessional Collaboration Colloquium Planning Committee
2016-Present Center for Interprofessional Collaboration Team Leader Committee
2016-Present Center for Interprofessional Collaboration Search Committee
2016-Present Texas Medical Center Veterans Committee
2016-Present NextOp Healthcare Advisory Board
2016-2018 UTH School of Biomedical Informatics Admission, Progression and Graduation Committee
2015 University of Texas Health Science San Antonio (UTHSCSA), The Summer Institute for Evidence Based-Practice Conference Planning Committee
2012-2013 UTHSCSA, Curriculum Development, Masters Program, Clinical Nurse Leader Course
2011-2012 UTHSCSA, DNP Proposal Review for Commission of Collegiate Nursing Education (CCNE) Accreditation

Military Committees

2005-2015 Integrated Project Team Committees for Information Technology
2012 Theater Medical Data Integration (TMDI) Tiger Team, Metric Team Leader
2004-2007 Quality Management Patient Safety Committee
2002-2003 Child Care Development Health Consultant
2003 Department of the Army, Workgroup for Special Needs Children in Child Care
2003-2004 Department of the Army, Workgroup for Army Regulation 40-5, Preventive Medicine Services, Proponency for Preventive Medicine
1997 Department of Defense, Health Affairs, Put Prevention into Practice Triservice Working Group
1996-1997 Department of the Army, Smoking Cessation Demonstration Project
1994 Army Nurse Corps, Continuing Health Education Program Committee
1994 Department of the Army Medical Command, Family Advocacy Working Group
1992 U.S. Army Surgeon General's Working Group, HIV/AIDS and Minorities

Military Consultations

2011-2013 U.S. Army Medical Information Technology Center, Chief Medical Information Officer
2005-2007 U.S. Army Medical Command Quality Management Patient Safety
2002-2003 Southern Regional Medical Command Consultant in Community Health Nursing

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Teaching Profile

University of Texas Health, School of Biomedical Informatics, Houston, TX

Spring 2019	BMI 5329	Assessment and Evaluation	Instructor
Spring 2019	BMI 5313	Systems Analysis and Project Management	Instructor
Spring 2019	BMI 5313	Introduction to Electronic Health Records	Instructor
Fall 2018	BMI 5329	Assessment and Evaluation	Instructor
Fall 2018	BMI 5313	Introduction to Electronic Health Records	Instructor
Fall 2018	BMI 5328	Systems Analysis and Project Management	Instructor
Summer 2018	BMI 5313	Introduction to Electronic Health Records	Instructor
Spring 2018	BMI 5329	Assessment and Evaluation	Instructor
Spring 2018	BMI 5313	Introduction to Electronic Health Records	Instructor
Spring 2018	BMI 5328	Systems Analysis and Project Management	Instructor
Fall 2017	BMI 5313	Introduction to Electronic Health Records	Instructor
Fall 2017	BMI 5328	Systems Analysis and Project Management	Instructor
Summer 2017	BMI 5382	Synthesis Project Public Health Informatics	Instructor
Summer 2017	BMI 5313	Introduction to Electronic Health Records	Instructor
Spring 2017	BMI 5313	Introduction to Electronic Health Records	Instructor
Spring 2017	BMI 5328	Systems Analysis and Project Management	Instructor
Fall 2016	HI 5313	Introduction to Electronic Health Records	Instructor
Summer 2016	HI 5382	Synthesis Project Public Health Informatics	Instructor
Summer 2016	HI 5329	Assessment and Evaluation	Instructor
Spring 2016	HI 5328	Systems Analysis and Project Management	Instructor
Spring 2016	HI 5313	Introduction to Electronic Health Records	Instructor
Fall 2015	HI 5314	Technology Assessment in Health Care	Instructor
Fall 2015	HI 5300	Introduction to Health Informatics	Co-Instructor

University of Texas Health Science Center, San Antonio, TX

Spring 2019	Nurs 6317	Healthcare Information System and Patient Care Technology	Instructor
Fall 2018	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Spring 2018	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Fall 2017	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Spring 2017	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Spring 2016	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Fall 2015	Nurs 6317	Healthcare Information System and Patient Care Technology	Co-Instructor
Spring 2015	Nurs 6317	Healthcare Information Systems and Patient Care Technology	Co-Instructor
Spring 2015	Nurs 4320	Leadership and Management	Clinical Instructor
Spring 2015	Nurs 4227	Population Focused Health	Clinical Instructor
Summer 2013	Nurs 6317	Healthcare Information Systems and Patient Care Technology	Instructor
Fall 2012	Nurs 5317	Healthcare Information Systems and Patient Care Technology	Instructor
Summer 2012	Nurs 5317	Healthcare Information Systems and Patient Care Technology	Instructor
Fall 2011	Nurs 5317	Healthcare Information Systems	Instructor

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Spring 2011	Nurs 5311	and Patient Care Technology	Co-Instructor
Fall 2010	Nurs 5317	Assessment and Population Healthcare Information Systems	Instructor
Summer 2010	Nurs 5317	and Patient Care Technology Information Systems in Healthcare and Nursing	Instructor

Doctorate Student Supervised/Graduate Student Preceptor/Practicum/Directed Study

UTH, School of Biomedical Informatics, Houston, TX.

Graduate Health Informatics Student, Wade, Spring 19
Graduate Health Informatics Student, Curtis, Spring 19
Graduate Health Informatics Student, Pena, Huerta-Moreno 19
Graduate Health Informatics Student, Pena, Spring 19
Graduate Health Informatics Student, Amona, Fall 18
Graduate Health Informatics Student, Ikpeekha, Fall 18
Graduate Health Informatics Student, Patel, Fall 18
Graduate Health Informatics Student, Nangcas, Fall 18
Graduate Health Informatics Student, Buentipo, Summer 18
Graduate Health Informatics Student, Jo Odocha, Spring 18
Graduate Health Informatics Student, Siddiqui, Spring/Summer 18
Graduate Health Informatics Student, Bazan, Spring 18
Graduate Health Informatics Student, Morah, Spring 18
Graduate Health Informatics Student, Yanga, Spring 18
Graduate Health Informatics Student, Bekhet, Fall 17
Graduate Health Informatics Student, Sreerama, Fall 17
Graduate Health Informatics Student, Brown, Fall, 17
Graduate Health Informatics Student, Zhu, Summer, 17
Graduate Health Informatics Student, Cardenas, Spring 17
Graduate Health Informatics Student, Yao, Spring 17
Graduate Health Informatics Student, Sreerama, Spring 17
Graduate Health Informatics Student, De La Cerda, Fall 2016
Graduate Health Informatics Student, Espinosa, Fall 2016
Graduate Health Informatics Student, Fry, Fall 2016
Graduate Health Informatics Student, Millan, Spring 2016

Texas Tech University, School of Nursing, Lubbock, TX

Graduate Nursing Informatics Student, Clay, Fall 2017-2018

Baylor University, Waco, TX

Graduate of Health Care Administration, Palmer, Fall 2014

University of Texas Health Science Center, San Antonio, TX

Doctorate Student Committee Member, Dlorm, Summer 2013

University of Maryland School of Nursing, Baltimore, MD.

Graduate Informatics Student, Moerbe, Spring 2013
Graduate Informatics Student, Taylor, Fall 2000
Graduate Informatics Student, Clark, Fall 2000

University of Pittsburg, Pittsburg, PA.

Graduate of Health Information Management, Williams, 2011-2012