

Curriculum vitae

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Place of Birth: Richmond, VA

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
2000	Bachelor of Science	Biology, emphasis in Neuroscience	University of Texas at Dallas- Dallas, TX
2004	MD	Medicine	Texas Tech University School of Medicine- Lubbock, TX
2010	MSPH	Outcomes Research	University of Alabama at Birmingham School of Public Health- Birmingham, AL

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline	Institution
2004-2007	Resident	Internal Medicine	University of Alabama at Birmingham- Birmingham, AL
2008-2010	Fellow	VA Quality Scholars Fellowship Program	Birmingham VA Medical Center- Birmingham, AL

Current Licensure and Certification

Licensure

Texas Medical License

Board and Other Certification

American Board of Internal Medicine, 2007

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
1996-2000	Silver Anniversary Scholarship	University of Texas at Dallas- Dallas, TX
1997-2000	Alpha Epsilon Delta Honor Society	University of Texas at Dallas- Dallas, TX
1998	National Dean's List	
1999	Dean's List	University of Texas at Dallas- Dallas, TX
2004	Outstanding Student Award in Neuroscience	Texas Tech School of Medicine- Lubbock, TX

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2010-Present	Assistant Professor	Internal Medicine	UT Southwestern Medical Center- Dallas, TX
2009-2010	Assistant Professor	Internal Medicine	University of Alabama at Birmingham- Birmingham, AL

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2007-2010	Hospitalist	Internal Medicine	Brookwood Medical Center- Birmingham, AL
2008-2010	Staff Physician	Internal Medicine	Birmingham VA Medical Center- Birmingham, AL
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2010-Present	Assistant Professor	Internal Medicine	UT Southwestern Medical Center- Dallas, TX

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2010-Present	Quality Officer, Office of Quality Improvement and Safety	UT Southwestern Medical Center- Dallas, TX
2010-2011	Physician Champion, CLABSI committee	UT Southwestern Medical Center- Dallas, TX
2011-Present	Course Director, Patient Safety Conference (formerly Morbidity and Mortality Conference)	UT Southwestern Medical Center- Dallas, TX

2011-Present	Facilitator, Clinical Safety and Effectiveness course	UT Southwestern Medical Center-Dallas, TX
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Committee Service (*Member, unless noted otherwise*)

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
2010-Present	Quality Council	UT Southwestern Medical Center-Dallas, TX
2011-Present	Outcomes, Quality and Safety Committee	UT Southwestern Medical Center-Dallas, TX
2011-Present	Cardiac Surgery Translational Study oversight committee	UT Southwestern Medical Center-Dallas, TX
<u>Hospital</u>		
2007-2008	Sepsis Subcommittee	Brookwood Medical Center-Birmingham, AL
2007-2008	Critical Care Committee	Brookwood Medical Center-Birmingham, AL
2009-2010	HCAHPS Pain Management Process Improvement Team	University of Alabama at Birmingham- Birmingham, AL
2009-2010	Patient Safety Committee	Birmingham VA Medical Center-Birmingham, AL
2009-2010	Quality Management Council	Birmingham VA Medical Center-Birmingham, AL
2010-2011	Code Blue Committee	UT Southwestern Medical Center-Dallas, TX
2011-Present	CLABSI Committee	UT Southwestern Medical Center-Dallas, TX
2012-Present	Hospital acquired infection committee	UT Southwestern Medical Center-Dallas, TX

Professional Societies

Dates	Society Name, member
2000-2010	American Medical Association
2004-Present	American College of Physicians
2007-Present	Society of Hospital Medicine
2007-Present	Society for General Internal Medicine
2007-2010	The Medical Association of the State of Alabama
2010-Present	Dallas County Medical Society

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2008-2010	Instructor, “Curing Health Care” special topics course. Three to five second-year medical students in two week-long workshops on quality, safety, and improving the health care system.
2009-2010	Preceptor, Introduction to Clinical Medicine II. Taught 4 second-year medical students every 2 weeks for 1.5 hours.
2012-Present	Helped develop a third-year medical student curriculum in Quality and Safety principles. Inaugural class in July 2012.
<u>Medical student rotations</u>	
2010	Preceptor for one sub-intern (4 th year medical student), General Internal Medicine, one month
2010-Present	Attending on Parkland wards
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2008-2010	Instructor, Quality Improvement and Patient Safety series. Facilitated discussion for 5-10 Internal Medicine Residents for 1 hour/week every week
2008-Present	Ward attending, General Internal Medicine wards. Supervising one senior resident, two interns, a sub-intern and 3 medical students for 2 months per year
2009	Core faculty, Morbidity and Mortality Conference, Birmingham VA Medical Center
2011-Present	Course Director, Patient Safety Conference (previously Morbidity and Mortality Conference). Monthly conference that reviews patient safety concerns and concepts through a case-based format
2011-Present	Core faculty, development of Hospital medicine curriculum for Hospitalist ward teams

Invited Lectures

Year(s)	Title	Location
<u>National</u>		
2009	Meeting the 2009 ACGME Quality and Safety Requirements	SGIM National Meeting Workshop- Miami, FL- May 2009
2009	Defining Your Goal	Summer Institute National Meeting for the VA Quality Scholars Fellowship Program- Fairlee, VT- August 2009
<u>Regional/Local</u>		
2009	Quality Improvement 101	Medical student interest group, University of Alabama at Birmingham- Birmingham, AL
2010	Non-traditional Fellowships. Fellows’ experiences	General Internal Medicine Noon Conference, University of Alabama at Birmingham- Birmingham, AL

2011	Eliminate Central Line Associated Bloodstream Infections	Clinical Safety and Effectiveness graduation ceremony, UT Southwestern Medical Center- Dallas, TX
2011	Eliminate Central Line Associated Bloodstream Infections	General Internal Medicine Grand Rounds, UT Southwestern Medical Center- Dallas, TX
2011	Quality Improvement and Patient Safety 101	General Internal Medicine Noon Conference, UT Southwestern Medical Center- Dallas, TX
2011	Cost of Health Care	Clinical conference, UT Southwestern Medical Center- Dallas, TX
2011	Diagnostic Error	General Internal Medicine Noon Conference, UT Southwestern Medical Center- Dallas, TX
2012	Cost of Health Care	General Internal Medicine Noon Conference, UT Southwestern Medical Center- Dallas, TX

Bibliography

Peer-Reviewed Publications

Peña, Adolfo, Carlos A Estrada, Debbie Soniat, Benjamin Taylor, and Michael Burton. “Nominal Group Technique: A Brainstorming Tool for Identifying Areas to Improve Pain Management in Hospitalized Patients.” *Journal of Hospital Medicine: An Official Publication of the Society of Hospital Medicine* (December 21, 2011). <http://www.ncbi.nlm.nih.gov/pubmed/22190453>.

Non-Peer-Reviewed Publications

Chung, T., Burton, M., Fish, J. (2011), Clinical Pathway Development. UT Southwestern Office of Quality Improvement and Safety Newsletter.

Proceedings of Meetings

1.	Burton M, Charlton K, Estrada C. Poster, “Resident Inpatient Handoffs: A Multi-Method Quality Improvement Initiative,” Institute for Healthcare Improvement annual meeting, Orlando, FL, December 2009
2.	Burton M, Charlton K, Estrada CA, Ritchie C. Resident inpatient handoffs: A multi-method quality improvement initiative. Southern Society of General Internal Medicine, New Orleans, February 25-27, 2010. <i>J Invest Med</i> 2010; 58: 501.
3.	Usrey M, Burton M. Poster, “Pancytopenia, fever, and hyperferritinemia. There’s more than a fungus among us,” Southern Society for General Internal Medicine, New Orleans, LA, February 2010
4.	Burton M, Thomas E, Crow B, Phelps E. Poster, “Eliminating Central Line Associated

	Bloodstream Infections,” Building Bridges annual conference, San Antonio, TX, October 2011
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Quality Improvement Activities

<u>Present</u>	<i>Title of Project:</i> Venous Thromboembolism Prevention Clinical Pathway Development
	<i>Role:</i> Physician champion
	<i>Date:</i> August 2011-present
	This project’s aim is to reduce our venous thromboembolism occurrence through application of system design principles in the electronic health record. Namely, we developed clinical decision support systems to facilitate appropriate prophylaxis.

<u>Present</u>	<i>Title of Project:</i> Eliminating central line associated bloodstream infections
	<i>Role:</i> Physician champion
	<i>Date:</i> September 2010-Present
	Multidisciplinary group, in coordination with the Clinical Safety and Effectiveness course, that successfully reduced central line infections to zero during the project period. Long term, we have still sustained a fifty percent reduction in infections and some units have gone for more than a year without an infection.

<u>Past</u>	<i>Title of Project:</i> Red Clinic hypertension improvement initiative
	<i>Role:</i> Physician champion
	<i>Date:</i> 2008-2009
	Multidisciplinary collaborative between physicians, nurses, and pharmacy to improve the rates of hypertension control in the Internal Medicine resident continuity clinic at the VA. As of July 2009, 74.7% of these veterans with hypertension have a blood pressure less than 140/90 mmHg.

<u>Past</u>	<i>Title of Project:</i> Improving HCAHPS pain management performance
	<i>Role:</i> Core member
	<i>Date:</i> 2009-2010
	Conducted focus groups including novel use of nominal group technique, mapped their process for pain management, and analyzed the results. Helped develop comprehensive strategies to improve pain control and improve HCAHPS performance evaluation.

<u>Past</u>	<i>Title of Project:</i> Clinical decision support system to reduce catheter associated UTIs
	<i>Role:</i> Project leader
	<i>Date:</i> 2009-2010
	Designed and implemented a clinical decision support tool for the VA computerized physician record system (CPRS) to facilitate early removal of urinary catheters.

<u>Past</u>	<i>Title of Project:</i> Beyond the Rapid Response Team
	<i>Role:</i> Physician champion and Facilitator
	<i>Date:</i> April 2011-Sept 2011
	We designed algorithms within the electronic health record to produce an early warning system to recognize and prevent patient deterioration. Implementation is pending.

<u>Past</u>	<i>Title of Project:</i> Glycemic Control in the Sternotomy Population
	<i>Role:</i> Facilitator
	<i>Date:</i> September 2011-Feb 2012
	This project's aim was to improve our glycemic control in the cardiovascular surgery population to meet strict SCIP measures. The team achieved 100% glycemic control by the project end.