

CURRICULUM VITAE

JODY CRANE, MD, MBA

PERSONAL INFORMATION.

Date of Birth: March 13, 1969
Place of Birth: Richmond, Virginia
Home Address: 303 Caroline Street
Fredericksburg, Virginia 22401-6011
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Marital Status: Married, wife-Kim, daughter-Charlotte, son-Max

EDUCATION

MBA: Physician Executive MBA, University of TN, Knoxville, TN
2004 – Graduated with Honors
Residency: University of Illinois at Chicago – Chicago, Illinois
1999 – 2000 – Chief Resident in Emergency Medicine
University of Illinois at Chicago – Chicago, Illinois
1997 – 2000 – Resident in Emergency Medicine
Medical: Medical College of Virginia – Richmond, Virginia
1993 – 1997 – Doctor of Medicine
Undergraduate: University of Virginia – Charlottesville, Virginia
1987 – 1991 – B.A. Spanish Linguistics

PROFESSIONAL WORK EXPERIENCE

CURRENT

January 2007 to Present X32Healthcare, LLC
Healthcare Education/Operations/Patient Flow/Lean Consulting,
Founding Member
May 2006 to Present Institute for Healthcare Improvement, Collaborative,
Operational and Clinical Improvement in the Emergency Department
Faculty Member
January 2005 to Present University of TN Physician's Executive MBA Program,
Adjunct Professor
January 2005 to Present Mary Washington Hospital
Fredericksburg, Virginia
Board-Certified, Practicing Physician, Business Director,
Fredericksburg Emergency Medical Alliance

PREVIOUS

2002 – 2005 Mary Washington Hospital
Fredericksburg, Virginia
Board-Certified, Practicing Physician,
Co-Director Fredericksburg Emergency Medical Alliance

June 2000 to Present Mary Washington Hospital
Fredericksburg, Virginia
Board-Certified, Practicing Emergency Physician

2001 – 2003 Emergency Consultants, Inc.
Chippenham & Johnston-Willis Hospitals, Inc
Richmond, Virginia
Emergency Physician, Part Time

1999 – 2000 Emergency Consultants, Inc.
Sandwich Community Medical Center
Sandwich, IL
Emergency Physician

PROFESSIONAL ORGANIZATIONS AND ACTIVITIES

Member: University of Tennessee Physician Executive MBA Program, Advisory Council

Member: American College of Emergency Physicians

Member: Board of Directors, Fredericksburg Professional Risk Exchange (July 2004-Present)

Member: Board of Directors, Moss Free Clinic (July 2002-July 2003)

Member: Fredericksburg Area Medical Society

LICENSES AND CERTIFICATIONS

Virginia

ABEM

HONORS AND DISTINCTIONS

2007 Physician of the Quarter Medicorp Health Systems
2007 Physician Leader Award Medicorp Health Systems
2005 Service Excellence Award, Mary Washington Emergency Department
2004 Outstanding Physician Leader, Physician Executive MBA, University of TN
2002 Physician of the Year, Mary Washington Emergency Department
2000 Good Samaritan Award, University of Illinois at Chicago, Illinois
2000 Venomous Snake Award, University of Illinois at Chicago, Illinois
1998 Good Samaritan Award, University of Illinois at Chicago, Illinois

TEACHING ENGAGEMENTS, PRESENTATIONS, AND PUBLICATIONS

CURRENT

“The Advanced ED Operations 5-Day Course.” October, 2008 – Present.

“Lean Healthcare, Physician-led Healthcare Operations, Change Management for Operational Improvement, Contract Negotiations.” The University of Tennessee Physician’s Executive MBA Program, August, 2005 - Present.

“The University of Tennessee Lean for Healthcare,” 5-day course, University of Tennessee Center for Executive Education, 2006-Present.

“AFSO21 Lean for Healthcare.” 5-day course US Air Force, 2006- Present.

“Stryker Lean Academy.” 5-day course, Stryker Corporation, Düsseldorf, Germany, 2006 – Present.
Masters-level Lean Healthcare. George Mason University, 2008 – Present
Emergency Department Operations as a Prerequisite for Architectural Redesign. Harvard Graduate School of Design Executive Program

TEACHING ENGAGEMENTS, PRESENTATIONS, AND PUBLICATIONS

PREVIOUS

“The Advanced ED Operations Course.” Swedish Medical Center, January, 2009.
“Improving Performance in the Emergency Department.” IHI National Forum, Nashville, TN, December, 2008.
“1-Day Lean Workshop.” IHI National Forum, Nashville, TN, December, 2008.
“Practical Queuing Theory Applied to Triage.” E2E Collaborative, Vancouver, BC, November, 2008.
“EDUcate-tion.” IHI ED Operational Improvement Collaborative, November, 2008.
“Queuing, Flow, and Targeting Improvement in Hospital Settings.” Mary Washington Hospital, October, 2008.
“2-Day Advanced Flow Course.” Carondelet Health Network, Tucson, Arizona, October 2008.
“2-Day Lean Healthcare Course.” Carondelet Health Network, Tucson, Arizona, October 2008.
“Emergency Department 1-Day Minilab.” New York City Health and Hospitals Corporation, August 2008.
“Emergency Department Patient Flow 1-Day Seminar.” Southern Atlantic Health Alliance, August 2008.
“Change Management for Operational Improvement in Healthcare.” The World Leadership Congress on Process Improvement. July 2008.
“Lean Concepts in the ED: Super Track and RATED ER.” Vancouver Regional Flow Collaborative, July, 2008.
“The Latest in ED Innovation From the IHI.” UPMC Flow Collaborative, June 2008.
“Change Management for Operational Improvement in Healthcare.” UPMC Flow Collaborative, June, 2008.
“Size Doesn’t Matter – A Robust Operational Model for Specific ED-Sizes.” IHI ED Operational and Clinical Improvement Collaborative, June, 2008.
“Using Lean and Data Analysis to Develop a Reliable Service Line Model in a 100,000-visit ED – Super Track and RATED ER.” Emergency Department Benchmarking Alliance, June, 2008.
“Lean 1-Day Workshop.” Vancouver, CA. Providence Hospital, May 2008.
“Creating the Lean ED.” Institute for Industrial Engineers Annual Conference, May 2008.
“The Journey Towards a Lean ED.” Society for Health Systems, February, 2008.
“Lean 1-Day Workshop.” Health Information and Management Systems Society, February 2008.
“Operational and Clinical Improvement in the Emergency Department 4-hour Workshop.” IHI National Forum, December 2007.
“Concepts and Tools for Operational Improvement in the Emergency Department,” IHI ED Operational Improvement Collaborative, 6-month course, July-December, 2007.
“Financial Measures and Lean Healthcare Processes,” The University of Tennessee Physician’s Executive MBA Program, August, 2007.
“Lean Tools,” The University of Tennessee Physician’s Executive MBA Program, August, 2007.
“Super Track,” VHA ED Collaborative, May, 2007.
“Advanced and Applied Queuing,” IHI ED Operational Improvement Collaborative, May, 2007.

- “Flow in Healthcare Settings -Mixes of Random and Scheduled Arrivals,” IHI Perinatal Collaborative, April, 2007.
- “Lean Tools,” Alumni Reunion, The University of Tennessee Physician’s Executive MBA Program, April, 2007.
- “Throughput - Latest Advances in the Operational Management of the Crowded ED,” VACEP Reimbursement Conference, June, 2007.
- “Optimizing Tasks in the Interval from Patient Arrival to Seeing a Health Care Provider,” VHA ED Collaborative, June, 2006.
- “The Virtual Bed System: The New ED Patient Flow,” The University of Tennessee Physician’s Executive MBA Program, August, 2006.
- “Bottleneck Analysis in the ED,” IHI ED Operational Improvement Collaborative, November, 2006.
- “Flow, Random Arrivals, and Queuing,” IHI ED Operational Improvement Collaborative, November, 2006.
- “Caring for Vertical Patients – Is There Hidden Opportunity in Your Facility???,” IHI ED Operational Improvement Collaborative, November, 2006.
- “Decreasing Door to Doc and Patient Segmentation (Fast Track),” IHI ED Operational Improvement Collaborative, October, 2006.
- “Triage Strategies,” IHI ED Operational Improvement Collaborative, May, 2006.
- “Routine Patients,” IHI ED Operational Improvement Collaborative, May, 2006.
- “Contentious Negotiations,” The University of Tennessee Physician’s Executive MBA Program, August, 2006 - Present.
- “Hospital wide Flow of Cardiac Telemetry Patients,” Institute for Healthcare Improvement, Innovation Community: Improving Flow Through Acute Care Settings, Guest Speaker, June, 2005.
- “Billing Flow and Effects on Cash Flow,” The University of Tennessee Physician’s Executive MBA Program, August, 2005 - Present.
- “Hospital-wide Flow of Cardiac Telemetry Patients,” The University of Tennessee Physician’s Executive MBA Program, August, 2005 - Present.
- “The Medical Minute,” Author, monthly medical column in the Fredericksburg local newspaper, the Free Lance-Star, February 2003-August 2006.
- Crane JT**, Ferraro C. “Selection Criteria for Emergency Medicine Residency Applicants” *Academic Emergency Medicine*, Jan, 2000.
- Crane JT**, “Selection Criteria for Emergency Medicine Residency Applicants” Poster Presentation, The Society for Academic Emergency Medicine Annual Meeting, Boston, Massachusetts, May 20, 1999
- Crane JT**, “Selection Criteria for Emergency Medicine Residency Applicants” Oral Presentation The Illinois College of Emergency Medicine Resident Research Symposium Chicago, Illinois, April 20, 1999
- Nayak, H, **Crane JT**, “Top 30 Problems in Emergency Medicine: ACLS” Emergency Medicine Residents’ Association, Irving, Texas September 1999
- Nayak, H, **Crane JT**, “Top 30 Problems in Emergency Medicine: ATLS” Emergency Medicine Residents’ Association, Irving, Texas September 1999
- Dattilo JB, Datilo MP, **Crane JT**, Yaker DR, Makhoul RG: The Nitric Oxide Precursor L-Arginine Reduces Expression of Hylaronan Synthase in Experimental Vein Bypass Grafts. *Journal of Surgical Research*, 74(1): 39-42, 1998 Jan