

RUSSELL B. LEFTWICH, M.D.

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Address: Post Office Box 128010 (home)
Nashville, Tennessee 37212

Telephone: 615 480-3111 (cell)
615 279-8050 (home)

e-mail: russell@thecmio.com

EXPERIENCE AND EXPERTISE

- Principally responsible for communications and outreach for State of Tennessee, Office of eHealth, responsible for promoting health information exchange, EHR adoption; delivering over 80 presentations in past three years on EHR adoption, health information exchange, care coordination, workflow reengineering and change management to physician and other stakeholder audiences locally across Tennessee and nationally
- Co-chair for Office of National Coordinator for HIT (ONC) Standards and Interoperability Framework Transitions of Care Longitudinal Coordination of Care Initiative; lead initiative to harmonize ONC S&I Longitudinal Care Plan model with Health Level 7 (HL7) Patient Care Care Plan Domain Model
- Member of National Quality Forum Care Coordination HIT Advisory Committee 2012-2015 and served on Care Coordination Steering Committee 2011-2012
- Subject matter expert for HL7 2013 Consolidated Clinical Document Architecture (C-CDA) standard update project for alignment with proposed Meaningful Use Stage 3 objectives around care coordination and care planning
- Co-chair Office of the National Coordinator for Health IT Standards Committee Consumer Technology Workgroup
- Member HIMSS Interoperability & Standards Committee 2013-2015
- Co-chair for ONC Standards and Interoperability Framework Transitions of Care Initiative from inception in 2011 and co-author of ONC vendor guidance document for implementation of HL7 Consolidated CDA document standard to meet Meaningful Use 2 requirements
- Chair Health Level 7 Healthcare Professional Engagement initiative with aim of engaging practicing clinicians in standards development and implementation
- Patient Centered Outcomes Research Institute Reviewer for Clinical Data Research Network Infrastructure funding
- Convened and lead Nashville pediatric community and Vanderbilt pediatric clinical informatics faculty to initiate national effort to develop interoperability standards for pediatric data that is absent from current EHRs with proposed projects now in HL7 Child Health Workgroup
- Subject matter expert for Health Level 7 Allergy and Intolerance Workgroup and participant in Care Plan Workgroup as Co-Chair of HL7 Patient Care Workgroup
- Member HIMSS/AMDIS Physician Leadership Committee 2011-2013
- Member American Medical Informatics Association Item Writing Committee for practice exam for subspecialty Board in Clinical Informatics to be inaugurated in 2013
- Chaired clinical workgroup for statewide health information exchange for Health Information Partnership for Tennessee
- Work with Tennessee Regional Extension Center in helping primary care practices implement EHR systems and meet Meaningful Use objectives
- Serve as advisor and facilitator to EHR and HIE adoption efforts across the state for practices of varied sizes, hospitals and hospital systems, community and regional efforts, including planning for adoption, resolution of obstacles, optimization

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- Led development of medication history service for state HIE effort
- Clinical advisor for state immunization registry and electronic reportable lab results
- 1997-2012 conducted over 30 workshops at national professional society meetings on planning for, implementation, adoption, and optimization of EHR systems in ambulatory practice
- Received national Health Information Management Systems Society 2011 Physician IT Leadership Award for roles in Tennessee and national HIT efforts
- Member Patient/Consumer Engagement Power Team of ONC HIT Policy Committee, delivered March 2012 presentation to ONC Meaningful Use WG on Stage 3
- Member Advisory Board, Appalachian Primary Care Research Network (AppNET), East Tennessee State University, 2013-present
- Member External Advisory Committee, Vanderbilt-Meharry Center for Excellence in Sickle Cell Disease, 2013-present
- Leadership role in national specialty societies and state medical association EHR and medical informatics efforts for over two decades and author of 3 editions of EHR Adoption Chapter for American Academy of Allergy, Asthma, Immunology Practice Management Manual
- Engineering and technology background with 22 years experience practicing internal medicine and allergy/immunology
- Clinical faculty at Vanderbilt Medical School and division chief in University of Tennessee internal medicine residency in Nashville
- EMR in ambulatory practice for 20 years; on staff at 2 hospitals that implemented EHR and Vanderbilt during development of their EHR system

HOSPITAL PRACTICE

Baptist Hospital, Nashville, Active Staff 1984-2006

Chief, Division of Allergy, University of Tennessee-Baptist Hospital

Internal Medicine Residency, 1989-2006

Director, Baptist Allergy Center, 1994-2006

Vanderbilt Hospital, Visiting Staff 1984-2007

Clinical Assistant Professor of Medicine, Vanderbilt University, 1984-2007

Ward Attending and Physical Diagnosis Preceptor, 1985-1996

Clinical Instructor Pediatrics, Vanderbilt University, 1984-2007

Hendersonville Hospital, Active Staff 1985-2006

Chief of Medicine, 1989-1991, Chief of Allergy, 1985-2006

HCA Centennial Medical Center, Consulting Staff, 1985-2004

St Thomas Hospital, Active Staff, 1985-1998

St Thomas Information Technology Committee, 1995-1998

EDUCATION

Vanderbilt University, Nashville, Tennessee, Doctor of Medicine, 1978

Arizona State University, Tempe, Arizona, B.S.E. Chemical Engineering, 1974

POSTGRADUATE TRAINING

Fellowship, Division of Allergy and Immunology, Scripps Clinic and Research Foundation, La Jolla, California, July 1981-June 1983

Resident, Dept of Internal Medicine, Vanderbilt University, Nashville, Tennessee, 1978-1981

American Medical Informatics Association 10x10 Program, Oregon Health Sciences University, January-May 2006

American Medical Informatics Association, CMIO Bootcamp, October 2009

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Harvard School of Public Health, Leadership Strategies for Information Technology In Health Care,
Certificate Course, January-May 2010

AWARDS AND HONORS

Health Information Management Systems Society, 2011 Physician IT Leadership Award
American College of Chest Physicians, Fellow 1996
The Best Doctors in America, 1996-2007, Midwest edition
American Academy of Allergy, Asthma, and Immunology, Fellow 1987
Outstanding Student Research Award, American Federation for Clinical Research, 1978
Alpha Omega Alpha, medical honorary, 1977
Arizona Heart Association Summer Research Grant, 1974
Engineering Achievement Award, Arizona State University, 1973
Tau Beta Pi, Engineering Honorary, 1972

VOLUNTEER APPOINTMENTS AND ACTIVITIES

Institute of Medicine Digital Learning Collaborative, 2013
National Quality Forum, HIT Advisory Committee, 2012-2015
Office of the National Coordinator for HIT (ONC), HIT Standards Committee, Consumer Technology
Workgroup 2013-present
ONC, HIT Standards Committee Patient/Consumer Engagement Power Team, 2012
ONC Standards and Interoperability Framework, Longitudinal Care Coordination Initiative Co-Lead
2011-present,
ONC Standards & Interoperability Framework, Transitions of Care Initiative Lead, 2011-2012
Health Level Seven, Co-Chair Patient Care Work Group 2013-present, Member Membership
Committee 2013-present, Chair Health Professional Engagement Initiative 2012-present
Health Information Partnership for Tennessee
Chair, Clinical Workgroup, 2010-2012, Member, Operations Council, 2010-2012

CERTIFICATION AND LICENSURE

Diplomate, American Board of Allergy and Immunology, October 1983
Medical License, State of Tennessee (Lic. no. MD015054), August 1983
Diplomate, American Board of Internal Medicine, September 1981
Licensed Physician and Surgeon, California, March 1981
Diplomate, National Board of Medical Examiners, July 1979

PROFESSIONAL SOCIETY MEMBERSHIPS AND OFFICES

American Academy of Allergy, Asthma and Immunology, Fellow
Health Information Technology and Education Committee, Chair 2012-13
EMR Presidential Task Force, Co-Chair 2009-2012
American College of Allergy, Asthma and Immunology
Medical Informatics Committee, Chairman (1995- 2010)
Joint Healthcare Reform Taskforce, Member August 2010- present
Program Chair, eHealth Symposium, October 2010
American College of Chest Physicians, Fellow
American College Physicians, American EHR Partners HIT Resources, Physician Advisor, 2010-13
American Academy of Pediatrics, Tennessee Chapter
American Medical Informatics Association
Annals of Allergy, Asthma, and Immunology, Editorial Board Member (1998-2001)

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Association of Medical Directors of Information Systems

Physician Leadership Committee, 2011- 2013

Health Information Management Systems Society

Interoperability and Standards Committee, 2013-2015

Tennessee Health Information Management Systems Society, Board Member, 2010- present

Tennessee Medical Association,

Delegate House of Delegates, 1990-2013

Chairman, Professional and Community Relations Committee (2007- 2011)

Member, eHealth Task Force, 2009-2012

Nashville Academy of Medicine,

Communications & Public Service Committee, Chairman (1997-2008)

Board of Directors member (1999-2002)

Representative, Middle Tennessee eHealth Connect RHIO Working Group

PROFESSIONAL PRACTICE RECORD

Chief Medical Informatics Officer, Office of eHealth, Tennessee, April 2010- present

Private practice, Allergy and Clinical Immunology, Internal Medicine, April 1985-June 2006

Group practice, Allergy & Clinical Immunology, Internal Medicine, Sept 1983- March 1985

Chief Clinical Fellow, Scripps Clinic, La Jolla, CA, 1982-83

Staff Emergency Department Physician, Green Hospital, La Jolla, CA, 1981-1983

Research Assistant, Clinical Pharmacology, Vanderbilt University, summers 1977 and 1978

Clinical Assistant, Specialized Center Hypertension Research, Vanderbilt University, summer 1976

Research Assist, Dept of Chemical and Bioengineering, Arizona State University, summers 1973-74

Computer programmer, Dept of Chemical and Bioengineering, Arizona State University, 1972-1973

PUBLICATIONS

1. Leftwich, R., L. Walker, M. Smigel, R. Whorton, C. van Boxtel, J.A. Oates, and J.C. Frolich, 1977. Indomethacin is antidiuretic in lithium-induced diabetes insipidus. *Clin. Res.* 25: 9A.
2. Leftwich, R.B., J.A. Oates, and J.C. Frolich, 1978. Indomethacin decreases urinary lithium excretion and increases plasma lithium levels. *Clin. Res.* 26: 14.
3. Leftwich, R.B., L.A. Walker, M. Ragheb, J.A. Oates, and J.C. Frolich, 1978. Inhibition of prostaglandin synthesis increases plasma lithium levels. *Clin. Res.* 26: 291.
4. Frolich, J.C., R.B. Leftwich, M. Ragheb, J.A. Oates, I. Reimann, and D. Buchanan, 1979. Indomethacin increases plasma lithium. *Br. Med. J.* 168(1): 1115.
5. Crook, J.E., R.L. Woosley, R.B. Leftwich, and E.A. Natelson, 1979. Agranulocytosis during combined procainamide and phenytoin therapy. *So. Med. J.*; 1979 Dec;72(12):1599-601.
6. Leftwich, R.B., Floro, J.F., Neal, R.A., Wood, A.J.J. Dinitrophenol poisoning. *So. Med. J.* 75:182, 1982.
7. Leftwich, R.B., Simon, R.A. Cimetidine hypersensitivity. *Ann. Intern. Med.* (lett.) 97(4):620-621, 1982.
8. Leftwich, R.B., Electronic Health Records (Chpt 9), Practice Management Manual, American Academy of Allergy Asthma & Immunology, 2008.
9. Leftwich, R.B., EHR update: progress on meaningful use requirements. *Tenn Med*; 2011 Oct;104(9):36-7
10. Leftwich, R.B., The next 10 years of ehealth. *Tenn. Med*; 2012 Aug;105(7):45-7
11. Leftwich, R.B., Direct project information exchange. *Tenn. Fam. Phys.*; 2012 Fall; 10-11.