

Curriculum Vitae
William Troy Manard, MD, FAAFP

Personal Information

<u>Clinical Office Address</u>	<u>Academic/Administrative Office Address</u>
3660 Vista Avenue Suite 103 St. Louis, MO 63110 (314) 977-4700 Fax: (314) 977-7533 manardwt@slu.edu	Department of Family and Community Medicine 1402 South Grand Boulevard O'Donnell Hall, 2 nd Floor St. Louis, MO 63104 (314) 977-8480 Fax: (314) 977-5268

Current Positions

Chief Medical Informatics Officer Saint Louis University School of Medicine, St. Louis, MO SLUCare Physician Group	04/17-present
Associate Professor (assistant through 06/16) Saint Louis University School of Medicine, St. Louis, MO Department of Family and Community Medicine	01/10-present

Education

Postgraduate training

Family Medicine Residency	08/02-07/04
Associate Chief Resident Forest Park Hospital, St. Louis, MO	08/03-07/04
Anesthesiology Residency Naval Medical Center, Portsmouth, VA	07/99-03/00
Transitional Year Residency Naval Medical Center, Portsmouth, VA	06/98-06/99

Medical education

MD, 1998 Saint Louis University School of Medicine, St. Louis, MO	08/94-05/98
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Undergraduate education

BS in Chemistry <i>cum laude</i> in the Honors College Emphasis in Biochemistry Southwest Missouri State University, Springfield, MO	08/90-05/94
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Previous Professional/Academic Experience

Medical Director	10/13-04/17
Vice Chair	01/15-04/17
Clinical Instructor Saint Louis University School of Medicine, St. Louis, MO Department of Family and Community Medicine	08/04-12/09
Medical Director, Health Informagement Management Systems Saint Louis University School of Medicine, St. Louis, MO SLUCare Physician Group	01/16-04/17

Primary Care Physician
Alexian Brothers Community Services PACE, St. Louis, MO 08/04-12/09

General Medical Officer – Clinical Investigation and Research
Naval Medical Center, Portsmouth, VA 03/00-11/01

Hospital and Clinical Staff appointments

Saint Louis University Hospital – Associate/Courtesy Staff
St. Louis, MO 12/09-present

SSM – Saint Mary’s Health Center – Associate/Active Staff
Richmond Heights, MO 09/08-present

Family Care Health Centers – Residency Preceptor
St. Louis, MO 07/13-07/14

Des Peres Hospital – Associate/Courtesy Staff
Des Peres, MO 01/10-09/12

Christian Hospital – Associate Staff
St. Louis, MO 04/09-06/10

SSM – Depaul Medical Center – Associate/Courtesy Staff
Bridgeton, MO 07/08-03/11

Forest Park Hospital – Associate/Courtesy Staff
St. Louis, MO 11/04-03/08

St. Alexius Hospital – Associate/Active Staff
St. Louis, MO 09/04-06/11

Alexian Brothers Community Services – Clinical Staff
St. Louis, MO 08/04-12/09

Board Certification and Licensure

Diplomate, American Board of Preventive Medicine – Clinical Informatics 12/15-present

Diplomate, American Board of Family Medicine 12/04-present

Missouri – Physician and Surgeon 08/02-present

Virginia – Physician and Surgeon 07/99-08/04

Professional Society memberships

Association of Medical Directors of Information Systems 05/17-present

American Medical Informatics Association 01/15-present

Health Information and Management Systems Society 01/15-present

Society of Teachers of Family Medicine 07/11-present

American Academy of Family Physicians 08/02-present

Missouri Academy of Family Physicians 08/02-present

St. Louis Academy of Family Physicians 08/02-present

Honorary Societies, Honors and Awards

FMIG Program of Excellence (Overall)	06/16
Distinguished Teaching Award, SLU School of Medicine	04/16
FMIG Program of Excellence (Overall)	06/15
FMIG Program of Excellence (Overall)	06/14
FMIG Program of Excellence (Overall)	06/13
FMIG Program of Excellence in Community Service	06/12
Degree of Fellow, American Academy of Family Physicians	09/11

Professional ServiceMedical School

SLU HIPAA Remediation Program Steering Committee, member Saint Louis University, St. Louis, MO	03/16-present
SLUCare Physician Group Clinical Operations Committee, chair Saint Louis University School of Medicine, St. Louis, MO	03/16-present
Committee on Student Program Planning and Promotion, chair Saint Louis University School of Medicine, St. Louis, MO	03/14-present
SLUCare Physician Group Clinical Operations Committee, member Saint Louis University School of Medicine, St. Louis, MO	07/13-present
SLUCare Physician Group Quality and Patient Safety Committee, member Saint Louis University School of Medicine, St. Louis, MO	01/13-present
Committee on Student Program Planning and Promotion, member Saint Louis University School of Medicine, St. Louis, MO	07/12-present
Physician Advisory Group for Electronic Health Records Saint Louis University – SLUCare Physician Group, St. Louis, MO	06/10-present
Certified Physician Builder – Orders	03/16-present
Certified Physician Builder – Analytics	06/15-present
Co-chair	06/14-present
Certified Physician Builder	04/14-present
Super User	06/10-present
Additional role in supporting practice implementation	01/10-present
Faculty Advisor for Family Medicine Interest Group Saint Louis University School of Medicine, St. Louis, MO	07/10-04/17

Department

Vice Chair Saint Louis University School of Medicine Department of Family and Community Medicine	01/15-present
Medical Director Saint Louis University School of Medicine Department of Family and Community Medicine	10/13-present
Associate Medical Director Saint Louis University School of Medicine Department of Family and Community Medicine	03/12-10/13

Hospital

Ambulatory Governance Council for EHR SSM Health, St. Louis, MO	05/16-present
Medical Informatics Council SSM Health, St. Louis, MO	07/16-present
Physician Advisory Group for Electronic Health Records, co-chair Saint Louis University Hospital, St. Louis, MO	06/14-present
Physician Advisory Group for Electronic Health Records Saint Louis University Hospital, St. Louis, MO	10/11-present

Professional

Board Member Saint Louis Academy of Family Physicians, St. Louis, MO	01/15-present
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Editorial and Journal Review Boards

Submission reviewer Health Information and Management Systems Society Annual Conference – Patient Engagement Subgroup	2015-present
Submission reviewer American Medical Informatics Association Annual Symposium	2015-present
Ad hoc reviewer Journal of the American Board of Family Medicine	01/12-present
Ad hoc reviewer DynaMed	01/12-present

Current and Past Teaching ResponsibilitiesCourses and lectures or topics

EPI-100 – Epidemiology and Biostatistics – Small group leader	11/07-present
Evaluation of the Red Eye – Resident Didactics	04/17
Dementia and Delirium – SLU Physician Assistant Program Lecture	03/17
Evaluation of Initial Seizure – Resident Didactics	03/17
Patient Centered Medical Home – MFT 674	12/16
Medical Management of Stable CAD – Resident Didactics	12/16
Evaluation of Scrotal Pathology – Resident Didactics	11/16
Suturing Practicum – Family Medicine Resident Orientation	07/16
Acne – Resident Didactics	03/16
Hyperbaric Medicine – Resident Didactics	01/16
Patient Centered Medical Home – MFT 674	11/15
Suturing Practicum – Family Medicine Resident Orientation	07/15
Erectile Dysfunction and Benign Prostate Hyperplasia – Resident Didactics	07/15
FCM-419 – Web-Based Morbidity and Mortality Rounds – Reviewer	11/10-05/15
Dementia and Delirium – SLU Physician Assistant Program Lecture	04/15
GERD – Resident Didactics	03/15
Atrial Fibrillation – Resident Didactics	02/15
Patient Centered Medical Home – MFT 674	11/14
Hyperthyroidism – Resident Didactics	09/14

Hepatitis C for PCPs – Resident Didactics	08/14
Suturing Practicum – Family Medicine Resident Orientation	07/14
FCM-301 – Family Medicine Clerkship – Case-based learning leader	07/10-06/14
Dementia and Delirium – SLU Physician Assistant Program Lecture	04/14
Preoperative Evaluation – Resident Didactics	03/14
Patient Centered Medical Home – MFT 674	11/13
Otitis – Resident Didactics	11/13
Headache – Resident Didactics	08/13
Suturing Practicum – Family Medicine Resident Orientation	07/13
Transitions of Care – SLU New Resident Orientation	06/13
Acne – Resident Didactics	06/13
Prostatitis – Resident Didactics	06/13
Evaluation of Initial Seizure – Resident Didactics	03/13
Vasculitis Basics – Resident Didactics	02/13
Evaluation of Scrotal Pathology – Resident Didactics	01/13
Medical Management of Stable Coronary Artery Disease – Resident Didactics	11/12
COPD: Management of Exacerbations – Resident Didactics	10/12
COPD: Update on Diagnosis and Treatment – Resident Didactics	10/12
Adult Lifestyle Modification – Longitudinal Underserved Care Curriculum (LUCC)	08/12
Gastroenteritis in Children – Resident Didactics	08/12
Management of Adult Chronic Disease – LUCC	07/12
Dementia and Delirium – SLU Physician Assistant Program Lecture	07/12
Suturing Practicum – Family Medicine Resident Orientation	07/12
Transitions of Care – SLU New Resident Orientation	06/12
Approach to the Red Eye – Resident Didactics	03/12
Neonatal Jaundice – Resident Didactics	01/12
Suturing Practicum – Family Medicine Resident Orientation	07/11
Transitions of Care – SLU New Resident Orientation	06/11
Dementia and Delirium – SLU Physician Assistant Program Lecture	05/11
Dementia and Delirium – SLU Physician Assistant Program Lecture	04/10
Dementia and Delirium – SLU Physician Assistant Program Lecture	04/08
Dementia and Delirium – SLU Physician Assistant Program Lecture	02/07
Dementia and Delirium – SLU Physician Assistant Program Lecture	02/06
Dementia and Delirium – SLU Physician Assistant Program Lecture	11/04
Approach to the Elderly Patient – SLU Physician Assistant Program Lecture	11/04

Clinical Teaching Responsibilities

Family Medicine Inpatient Medicine Service	01/12-present
FCM-301 – Family Medicine Clerkship	08/04-present
FCM-417 – Family Medicine in an Urban Setting	10/11-05/12
FCM-111 – Medical Practice in the Community	02/13-05/13
FCM-111 – Medical Practice in the Community	02/11-05/11
FCM-111 – Medical Practice in the Community	02/10-05/10
Community Geriatrics Rotation – Forest Park Family Medicine Residency	08/04-06/06

Protégé

Letters of Recommendation	
Peter Ireland (student for away rotations and residency)	04/16
Peter Ireland (student for Pisicano Fellowship)	02/16
Daniel van Aartsen (graduating student for residency)	09/15
Nina Tsai (graduating student for residency)	09/15
Gopy Arumagum, MD (graduating resident for registration)	04/15
Megan Stock, MD (graduating resident for employment)	05/14
Molly Weisert (graduating student for residency)	07/13

Faculty Advisor for Family Medicine Residents	
Gopy Arumugam, MD	07/12-06/15
Brandon Luk, MD	07/12-06/15
Sean Ragain, MD	07/11-06/12
Faculty Advisor for Medical Student Orientation Small Group	08/12, 08/13, 08/14
Preceptor for premedical student	
Jill Haxel	03/13-05/13

Research Support

eRS 306602 – Cooperative agreement with HRSA, grant D58HP23229 – Residency Training in Primary Care; Total funded \$652,421; 0.02-0.1 FTE supported	09/11-09/16
eRS 306608 – Cooperative agreement with HRSA, grant D54HP23286 – Academic Administrative Units in Primary Care; Total funded \$778,495; 0.05 FTE supported	09/11-09/16
eRS 306544 – Cooperative agreement with CDC, grant 5U84DD000512 – Midwest Partners for Success Intervention in Youth and Young Adults with FASDs; Total funded \$830,790; 0.02 FTE supported	09/09-09/13

Bibliography

Journal Articles

- van den Berk-Clark C, Doucette E, Rottnek F, Prada MA, Hughes R, Manard W, Lawrence T, Schneider FD. Do patient-centered medical homes improve health behaviors, outcomes and experiences of low income patients? A systemic review and meta-analysis. *Health Serv Res* 2017 in press. DOI:10.1111/1475-6773.12737
- Manard W, Syberg K, Behera A, *et al*. Higher referrals for diabetes education in a medical home model of care. *J Am Board Fam Med* 2016 29:377-384.
- Manard W, Scherrer J, Salas J, Schneider FD. Patient portal use and blood pressure control in newly diagnosed hypertension. *J Am Board Fam Med* 2016 29:452-459.
- Manard W. How to provide more access without working more hours. *Fam Pract Manag* 2015 May-June;22(3):24-29.
- Manard W. Closely consider finances, staffing when expanding office hours. *Med Econ* 2014 Jan 10;91(1):19-20.
- Schamp RO, Manard WT. Update on prevention and treatment of influenza in the elderly. *Clinical Geriatrics* 2006;14(10):27-33.

Book Chapters and Monographs

- Manard W, Schamp R. Osteoporosis. In Smith M *et al*, eds. *Family Medicine: Ambulatory Care and Prevention*. 6th ed. New York, NY: McGraw-Hill; 2014: 737-47.
- Haines C, Manard WT. *Practice Improvement*. FP Essentials, Edition No. 395, Leawood, KS: American Academy of Family Physician; April 2012.
- Schamp R, Manard W. Osteoporosis. In Mengel MB, Schwiebert LP, eds. *Family Medicine: Ambulatory Care and Prevention*. 5th ed. New York, NY: McGraw-Hill; 2009:584-93.

Abstracts and Posters

- Zubatsky M, Manard WT, Meyer D, Pettinelli JD, Scherrer JF, Schneider FD, Smith CW, van den Berk-Clark, CJ. Integrated Family Medicine and Medical Family Therapy in an Educational Setting: Challenges and Opportunities in Patient Care and Training. Poster accepted for presentation at Society of Teachers of Family Medicine Conference on Practice Improvement, Dallas, TX, December 2015.

- Meyer D, Pettinelli JD, Scherrer JF, Schneider FD, Manard WT, Smith CW, van den Berk-Clark CJ. The Impact of Co-Located Integrated Care on Patient Health in Primary Care. Poster accepted for presentation at Society of Teachers of Family Medicine Conference on Practice Improvement, Dallas, TX, December 2015.
- Manard WT, Armbrecht E, Syberg K, Behera A, Scherrer JF, Salas J. Higher Referrals for Diabetes Education in a Medical Home Model of Care. Poster presented at Society of Teachers of Family Medicine Annual Spring Conference, Lake Buena Vista, FL, April, 2015.
- Pearce EF, Manard WT, Stephens GS. Role of a Pharmacist in a Patient-Centered Medical Home for University Employees. Poster presented at the American College of Clinical Pharmacists Annual Meeting, Pittsburgh, PA, October, 2011.
- Danter C, Gruszczynski E, Manard W, Moore M, Muir S, Pearce E, Stephens G, Rahman R, Randolph T. Impact of Small Group Education Series on Outcomes of Medical Home Patients. Poster presented at the American Academy of Physician Assistants IMPACT 2011 Clinical and Professional Poster Session, Las Vegas, NV, June, 2011.
- Schneider FD, Stephens GS, Manard WT. Building The Interprofessional Team for The Medical Home. Accepted abstract (presented by other authors) at the Society of Teachers of Family Medicine Annual Spring Conference, New Orleans, LA. April, 2011.
- Schneider FD, Manard WT. Who Wants to Get Their Care in a PCMH? Oral presentation at the Society of Teachers of Family Medicine Conference on Practice Improvement, San Antonio, TX, December 2010.
- Stephens GS, Schneider FD, Brooks NA, Muir S, Rahman R, Gruszczynski EH, Manard WT. The Interprofessional Team: Who, Why, and What they do in the patient-centered medical home. Poster presented at the Society of Teachers of Family Medicine Conference on Practice Improvement, San Antonio, TX, December, 2010.

Supplemental Material

National-level Presentations

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| “Diabetes in Wonderland: Improving Diabetes Care Through Decision Support” (with Beth Page, MSN, RN) at Epic User Group Meeting, Verona, WI | 09/16 |
| “Which Way to Universal Influenza Immunization” (with Beth Page, MSN, RN) at Epic Regulatory Programs and Quality Management Forum, Verona, WI | 09/16 |
| “Engaging the Whole Team in Health Maintenance” (with Beth Page, MSN, RN) at Epic Expert Group Meetings’ Team Based Care Forum, Verona, WI | 03/16 |
| “Family Medicine and Medical Family Therapy: A Model of Integrated Care and Training” (with Max Zubatsky, PhD, LMFT) at Society of Teachers of Family Medicine Conference on Practice Improvement, Dallas, TX | 12/15 |
| “Improving Tobacco Cessation Documentation” (with Beth Page, MSN, RN) at Epic User Group Meeting, Verona, WI | 09/15 |
| “Coordinating Care Across the Medical Neighborhood” at American Academy of Family Physicians Scientific Assembly, San Diego, CA | 10/13 |
| “How Can Care Move from Episodic to More Planned Care?” at American Academy of Family Physicians Scientific Assembly, San Diego, CA | 10/13 |
| “How Can My Practice Improve Patient Access and Care?” at American Academy of Family Physicians Scientific Assembly, San Diego, CA | 10/13 |
| “An Interdisciplinary Approach to Dementia” (presenter) at Annual Primary Care Update sponsored by SLU School of Allied Health Professions, St. Louis, MO | 08/10 |
| “Preventing Hospitalizations” (presenter and panelist) at National PACE Association Summer Clinical Conference, St. Louis, MO | 07/08 |

Regional-level Presentations

"Managing Diabetes at the End of Life" (presenter) at American Society of Consultant Pharmacists Missouri Section Spring Forum, St. Louis, MO 04/08

Local Presentations

"Clinical Decision Support: Using the Five 'Rights' to Move Beyond Simple Alerts" at Saint Louis University School of Medicine Family and Community Medicine Grand Rounds 07/15

"Patient Portal Use and Blood Pressure Control" at Saint Louis University School of Medicine Primary Care Research Symposium 05/15

"The Physician Assistant Will See You Now" at Saint Louis University 02/15

"Research in Primary Care" at Saint Louis University School of Medicine 05/14

"Procedures in Family Medicine" at Saint Louis University School of Medicine Family Medicine Interest Group 09/13

"Patient Centered Medical Home Panel" at Saint Louis University School of Medicine 10/12

"Time Management When Precepting Medical Students" at Saint Louis University School of Medicine Department of Family and Community Medicine Predoctoral Faculty Meeting 05/12

"Patient Centered Medical Home Panel" at Saint Louis University School of Medicine 02/12

"Procedures in Family Medicine" at Saint Louis University School of Medicine Family Medicine Interest Group 09/11

"The Patient-Centered Medical Home: The Future of Family Medicine" at Saint Louis University School of Medicine Family Medicine Interest Group 09/10

"Osteoporosis" at Forest Park Hospital Medical Grand Rounds, St. Louis, MO 07/04

Community Service/Civic Activities

Member and medical content reviewer for Endurance Nation (*ad hoc*) 10/13-present

Member and medical content reviewer for USA Triathlon (*ad hoc*) 04/13-present

Volunteer Physician at student-run Health Resource Center (*ad hoc*) 04/11-present

Consulting

Gateway Geriatrics Workplace Enhancement Project – providing EHR integration assistance 01/16-present

Anthem Blue Cross Blue Shield Metro St. Louis Physician Advisory Committee 01/14-12/14