

# CURRICULUM VITAE

***Robin H. DeMuth, M.D.***

## Education:

M.D. College of Human Medicine 2000–2004  
Michigan State University  
East Lansing, Michigan

B.A. Rice University 1991-1995  
Houston, Texas

## Residency:

MSU/Sparrow Family Medicine Residency Program 2004-2007  
Lansing, Michigan  
*Senior Concentration: Academic Focus; Obstetrics Track*

## Teaching Fellowship:

Lilly Teaching Fellowship 2010-2011  
Michigan State University  
*Multidisciplinary fellowship led by Deborah DeZure, Asst. Provost for Faculty and Organizational Development.*  
Project: “Improving Medical Student Skills and Confidence in Health Record Writing”  
Mentor: *Dianne Wagner, M.D., Associate Dean for College Wide Assessment*

## Academic Professional Positions:

Associate Professor in Family Medicine 2014- current  
College of Human Medicine  
Michigan State University

Assistant Professor in Family Medicine 2007- 2014  
MSU College of Human Medicine

Resident Clinical Instructor 2004- 2007  
MSU College of Human Medicine

## Administrative Appointments

Assistant Dean for Clinical Experiences Oct. 2015- current  
MSU College of Human Medicine

- *Oversee Office of Clinical Experiences, with 6 faculty directors/assoc directors and eleven staff members, coordinating the curricular activities of the College*

Director of Clinical Skills Jan. 2012- Sept. 2014  
MSU College of Human Medicine

Course Co-Director Summer 2013  
Early Clinical Experience (ECE) Pilot  
MSU College of Human Medicine

Associate Director of Clinical Skills  
MSU College of Human Medicine July 2010-Dec. 2011

Assistant Director of Clinical Skills  
MSU College of Human Medicine July 2008-June 2010

Medical Licensure:

Active Medical License, State of Michigan June 2007 to current

Board Certified in Family Medicine  
*Re-certified 2017.* Dec. 2007 to current

Professional Memberships:

American Academy of Family Physicians  
Society of Teachers of Family Medicine

Other Certifications:

Teaching certification in Special Education K-12  
*State of Texas 1997; lifetime*

Teaching certification in Secondary Mathematics 7-12  
*State of Texas 1999; lifetime*

Teaching certification in Composite Science 7-12  
*State of Texas 1999; lifetime*

Honors/Awards:

Gold Humanism Honor Society 2015  
Faculty Inductee

Sparrow Leadership Award 2014  
Sparrow Health System

Teacher-Scholar Award 2012  
MSU College of Human Medicine

David Hough Memorial Award 2004  
Dept. of Family Medicine  
MSU College of Human Medicine

Teaching Activities:

Undergraduate Medical Education:

- Shared Discovery Curriculum (SDC) Leadership Group 2015-ongoing  
*Collaborate with leaders of Academic Affairs subunits related to SDC*  
*Anticipate and responding to challenges in implementation of novel curriculum*
- Course Director for HM courses in Shared Discovery Curriculum August 2016- current  
*Oversight and direction of all Human Med courses in new curriculum HM 552-556, HM 651-652*  
*Chair of Student Competence Committee*  
*Chair class meetings for ECE and MCE students*

- Simulation teaching for Early Clinical Experience students Aug. 2018- Mar. 2019
- Curriculum Design Group Jan. 2013- August 2015  
*Designing new curriculum for College of Human Medicine under oversight of the Curriculum Committee and the Senior Associate Dean for Academic Affairs.*
  - *Chair, Middle Clinical Experience Workgroup (Fall 2013- Fall 2015)*
  - *Participant, Early Clinical Experience Workgroup (Fall 2013- Fall 2015)*
- Clinical Skills series  
*Lectures, panel discussions, demonstrations, on-line activities, and small group precepting, with development and administration of formative and summative assessments and course improvement projects*
- Early Clinical Experience (ECE) Pilot Summer 2013  
*Selected and coordinated clinical sites for students, part of program design assessment and scholarship, developed multiple innovative simulation activities, led orientation and “boot camp” activities for pre-matriculant students, led a post-clinic group, co-developed student conference and integrative clinical correlations activities*
- Integrative Clinical Correlations course series 2010- 2014  
Assistant Course Director
- Mentor Group 2007- 2015  
*Small group precepting and advising*
- Clinical Precepting of 3<sup>rd</sup> year clerkship students in 2007- current  
Family Medicine, in the clinic and hospital setting  
*Small group instruction including Family-Oriented Obstetrics, Shared Decision Making, Common Problems, and oral examination proctor, precepting of clerkship students in the ambulatory and hospital settings*
- Core Competency session 2011- 2013  
*Module: “DiffInE Your Approach to the Patient” on diagnostic reasoning, with Julie Phillips and Dianne Wagner*
- Problem-Based Learning small groups 2007-2008

#### Graduate Medical Education:

- MSU/Sparrow Family Medicine Residency Program 2007- current  
*Teaching and rounding on the hospital family medicine residency service. Precepting in residency clinics. Supervising obstetrical visits, deliveries, and newborn care 2007-2017.*
- Invited Lecture, Basic Science Series Apr. 2012, Oct. 2012, Oct. 2013  
MSU Dept. of Obstetrics, Gynecology, and Reproductive Biology. “Primary Care for the OB-GYN.”  
*For OB/Gyn residents in the Sparrow, Flint, and Grand Rapids programs.*

#### Continuing Medical Education:

- CME for Sparrow Medical Staff May, Sept 2018  
*Co-lead organizing faculty for new CME series.*  
*Wellness CME Event Feb. 2019*

### Articles/Publications

Wagner D, Roskos S, **DeMuth R**, Mavis B. Development and Evaluation of a Health Record Online Submission Tool (HOST). *Medical Education Online*. October 2010.

Biggs W, **DeMuth R**. Premenstrual Syndrome and Premenstrual Dysphoric Disorder. *American Family Physician*. 2011; 84 (8).

**DeMuth R**, Phillips J, Wagner D. Letter to the Editor: An OSCE Remediation Experience Focused on Diagnostic Reasoning. *Medical Teacher*. 2011;33(7): 592-3

WinklerPrins V, **DeMuth R**, Phillips J, Wagner D. DiffInE: A Clinical Tool to Promote Diagnostic Reasoning. STFM June 2012 Education Column.

Gold J, **DeMuth R**, Mavis B, Wagner D. Progress testing 2.0: clinical skills meets necessary science. *Medical Education Online*. May 2015.

**DeMuth R**. He Called Him "Pops". *Family Medicine* 2018 50(3): 228-229.

**DeMuth RH**, Gold JG, Mavis BE, Wagner DP. Progress on a New Kind of Progress Test: Assessing Medical Students' Clinical Skills. *Academic Medicine*. May 2018.

### Peer Reviewed Workshops/Presentations:

**DeMuth R**, Rayala B, Roskos S, Sorkin S. Teaching preclinical students to write health records: Acknowledging the diversity and complexity of patient visits. Workshop presented at the STFM 35<sup>th</sup> Annual Predoctoral Conference, Savannah, GA. January 23, 2009.

Roskos S, **DeMuth R**, Wagner D. HOST: A Health Record Online Submission Tool. Research in Medical Education (RIME) presentation at the Central Group on Educational Affairs (CGEA) of the American Association of Medical Colleges (AAMC) Spring Conference, Rochester, MN. March 27, 2009 (Winner of best Undergraduate Medical Education presentation at conference.)

**DeMuth R**, Roskos S. Developing Professionalism: Providing Feedback and Tracking the Professional Development of Medical Students. STFM 36<sup>th</sup> Annual Predoctoral Education Conference, Jacksonville, FL, Jan 28-31, 2010.

Roskos S, **DeMuth R**. Teaching Preclinical Students to Write Health Records: Acknowledging the Diversity and Complexity of Patient Visits. STFM 36<sup>th</sup> Annual Predoctoral Education Conference, Jacksonville, FL, Jan 28-31, 2010.

**DeMuth R**, Phillips J, Wagner D. Teaching Students to Think Like Doctors: Development of a Hands-On Remediation Curriculum in Diagnostic Reasoning. American Association of Medical Colleges Annual Conference, November 10, 2010.

**DeMuth R**, Phillips J, Wagner D, WinklerPrins V. Development of a Preceptor Tool to Help Students Learn Diagnostic Reasoning. STFM 37<sup>th</sup> Annual Medical Student Education Conference, Houston, TX, January, 2011.

Wagner D, **DeMuth R**, Mavis B, Henry, R, Lock D. GEA/GSA Mini-workshop: Trainee Written Records: Will We Ever Get It Right? American Association of Medical Colleges Annual Conference, November 8, 2011.

**DeMuth R.** Developing and Applying a Rubric for Health Record Writing. STFM 38<sup>th</sup> Annual Medical Student Education Conference, Long Beach, CA, February, 2012.

**DeMuth R,** Phillips J, Wagner D, Mavis B. The DiffInE Project: Assessment of a Brief Intervention Teaching Diagnostic Reasoning to Clerkship Level Students. STFM 39<sup>th</sup> Annual Medical Student Education Conference, San Antonio, TX, January 26, 2013.

Raffo D, **DeMuth R,** O'Donnell J. Creation of a Practice Problem-Based Assessment Using Students as Simulated Patients. Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Cincinnati, OH, March 21-23, 2013.

Henry R, Mavis B, Wagner D, **DeMuth R,** Caravallah L, Gera R, Gourineni V, Sharman M, Short W, Thompson, M. Lessons Learned from Faculty Directed Remediation of Year Three Students Failing a Comprehensive Clinical Performance Examination. Generalists in Medical Education Conference, Philadelphia, PA, November 1, 2013.

**DeMuth R,** Phillips J, Hustedde C, Dickson G. Facing Students' Professionalism Problems: Strategies for Feedback and Reflection. STFM 40<sup>th</sup> Annual Medical Student Education Conference, Nashville, TN, January 30-February 2, 2014.

**DeMuth R,** Wagner D. Integrated assessment of basic science knowledge and clinical skills: CardioSim. Ottawa Conference on Assessment, April 2014.

**DeMuth R,** Phillips J, Henry R, Wagner D. Evaluation of the DiffInE Tool's Utility in Evaluation of Medical Student Diagnostic Reasoning Skills. STFM Annual Medical Student Education Conference 2015, Atlanta, GA, February 5-8, 2015.

Phillips J, O'Keefe B, Isaac S, Urish A, **DeMuth R.** Residents as Advanced Medical Educators. STFM 48<sup>th</sup> Annual Spring Conference, Orlando, FL, April 2015.

Gold J, **DeMuth R,** Mavis B, Wagner D. Core Entrustable Professional Activities for Entering Residency: Student Self-Efficacy Increases with Curricular Time. AAMC Medical Education Meeting, Baltimore, MD, November 2015.

Gold J, **DeMuth R,** Emery M, Ferenchick G, Laird-Fick H, Mavis B, Paganini A, Parker C, Sousa A, Wagner D. John Dewey Rediscovered: Putting Experience at the Center of Medical Education. Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Chicago, IL, March 29-31, 2017.

Sudhanthar S, Emery M, **DeMuth R,** Wagner, D. Simulation 2.0. Integrating necessary scientists and clinicians in a simulation environment in the shared discovery curriculum. Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Chicago, IL, March 29-31, 2017.

Laird-Fick H, Henry R, **DeMuth R,** Wagner D. Developing a Student Competence Committee for Grade and Promotion Decisions. Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Chicago, IL, March 29-31, 2017.

**DeMuth R,** Allen P, Wonderlin W, Courts J, Sudhanthar S, Emery M. Early Students are Capable: The Shared Discovery Curriculum's Early Clinical Experience. Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Chicago, IL, March 29-31, 2017.

**DeMuth R**, Courts J, Colon-Berlinger, M. Early Medical Students as Useful Members of the Health Care Team, Poster presentation, Central Group on Educational Affairs (CGEA) Spring Meeting, Rochester, MN, March 21-23, 2018.

Abbott C, Walker S, **DeMuth R**. Learning Societies as a Learning Home for Medical Students, Society of Teachers of Family Medicine Medical Student Education Conference, Jacksonville, FL, Jan. 31-Feb 3, 2019 (accepted).

**DeMuth R**, Wagner D. What should students be able to do by graduation? Organizing a curriculum's end-competencies, Society of Teachers of Family Medicine Medical Student Education Conference, Jacksonville, FL, Jan. 31-Feb 3, 2019 (accepted).

Local Poster Presentations:

**DeMuth R**. Improving Preclinical Medical Students' Skills in Health Record Writing: Use of a Rubric in Teaching and Assessment. Poster presented at MSU Faculty & Organizational Development Lilly Fellowship Poster Session, April 2011.

Phillips J, **DeMuth R**. An Early Immersive Primary Care Experience Integrating Students into Communities. Poster presented at the College of Human Medicine Curriculum Poster Session, February 1, 2012.

Noel M, **DeMuth R**. SCRIPT Competency Based Curriculum. Poster presented at the College of Human Medicine Curriculum Poster Session, February 1, 2012.

Fong C, Zielinski L, Antoon E, Crosbie R, Aguilar D, **DeMuth R**. LGBTQI\* People and Issues in the Medical School Curriculum. Poster presented at the College of Human Medicine Curriculum Poster Session, February 1, 2012.

Arvidson C, **DeMuth R**, Toriello H. Integrative Clinical Correlations (ICC) as Core for a New Curriculum. Poster presented at the College of Human Medicine Curriculum Poster Session, February 1, 2012.

Blackman K, **DeMuth R**, D'Mello D, Ferenchick G, Freilich L, Laird-Fick H, Meerschaert C, Smith R, Solomon D. A Quantum Educational Change: Mental Health Training. Poster presented at the College of Human Medicine Curriculum Poster Session, February 1, 2012.

Committee and Elected Positions:

*Appointed:*

Task Force on Faculty Professionalism 2009- 2010  
MSU College of Human Medicine

Faculty Search Committees 2009- 2010,  
MSU College of Human Medicine 2010- 2011,  
Dept. of Family Medicine 2014

Chair, Residency Program Director Search Committee 2011  
MSU/Sparrow Family Medicine Residency Program  
Joint enterprise of MSU and Sparrow Health System

Utilization Review Committee Sparrow Hospital	2011- 2012
Curriculum Advisory Group MSU College of Human Medicine	2011- 2016
Foglio Lecture Planning Committee MSU College of Human Medicine Dept. of Family Medicine	2012- current
Block 1 & Block 2 Committees Office of Preclinical Curriculum MSU College of Human Medicine	2012- 2015
Ad Hoc Peer Review Subcommittees of Medical Staff Executive Committee Sparrow	Spring 2013 Fall 2014
Nominating Committee for Chief of Staff-Elect Subcommittee of Medical Staff Executive Committee Sparrow	July 2013- Oct. 2013
Bylaws Task Force Sparrow	Feb. 2014- March 2014
Clinical Integration Network Task Force Sparrow Health Systems	Aug. 2013- Dec. 2013
Clinical Integration Network Steering Committee Sparrow Health Systems	Feb. 2014- Sept. 2014
Search Committee for Chair of Family Medicine MSU College of Human Medicine	July 2014- March 2015
Sparrow Care Network Board Member (Guest)	Oct. 2014- April 2016
Advisory Board Faculty and Organizational Development MSU Provost's Office	Fall 2014- Spring 2016
Guiding Coalition Office of the Vice President for Medical Affairs Sparrow	2015- 2017
Curriculum Committee, Ex Officio member MSU College of Human Medicine	2016- current
Curriculum Development Groups for Early, Mid, Late Clinical Experiences and Intersessions	2016- current

Gold Humanism Selection Committee MSU College of Human Medicine	2016, 2017, 2018
National Board of Medical Examiners Step 2 Clinical Skills Exam Group Philadelphia, PA	2017
Selection Committee – Physician Recognition Sparrow Health System	2018, 2019
Hospital Board Quality Committee member Sparrow Hospital	2018- current
Physician Peer Review Triage Committee Sparrow Health System	2018- current
Wellness Task Force Sparrow Health System	2018- current
<i>Elected:</i> Family Medicine Dept. Peer Review Committee MSU College of Human Medicine	2008- 2009
Family Medicine Dept. Executive Committee MSU College of Human Medicine	2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19
Department Vice Chair Sparrow Family Medicine Department Sparrow	Jan. 2010- Dec. 2011
Department Chair Sparrow Family Medicine Department Sparrow	Dec. 2011- 2013, 2014- 2015, 2016-2017
Member of Medical Staff Executive Committee Sparrow Hospital	Dec. 2011- current
Curriculum Committee - elected member MSU College of Human Medicine	2011- 2014 2014- 2016
MSU College of Human Medicine Representative to the Council of Faculty and Academic Societies (CFAS) of the Association of American Medical Colleges (AAMC) <i>(Selected by the College Advisory Council)</i>	July 2013- 2019
Chief of Staff-Elect Sparrow Hospital	2018- current

Co-Chair, Centralized Peer Review and Quality Committee  
Sparrow Hospital

2018- current