CURRICULUM VITA

Margaret Holmes-Rovner, Ph.D. Home: 633 Whitehills Drive Professor Emerita East Lansing, MI 48823

(517) 332-0628

Demographics:

White, Female

Office: Center for Ethics

College of Human Medicine

C203 E. Fee Hall

Michigan State University East Lansing, MI 48824-1316

Phone: (517) 353-5197 Fax: (517) 353-3289 email: mholmes@msu.edu

EDUCATION

1969-1970

University of Wisconsin, Ph.D. 1980 Curriculum & Instruction; Sociology

University of Wisconsin, B.A. 1968 History

PROFESSIONAL EXPERIENCE

2013 Present	Professor Emerita, Health Services Research, Michigan State University College
2013-1 Tesent	of Human Medicine; principal, Holmes-Rovner Consulting
2005-2013	Professor, Health Services Research, Center for Ethics and Humanities in the Life
2003 2013	Sciences and Department of Medicine, College of Human Medicine, Michigan
	State University
2005-Present	Adjunct Professor, Health Administration, Central Michigan University
2009	Senior Fellow, Dartmouth Summer Institute on Informed Patient Choice
2005-2008	Professor, Health Services Research, College of Nursing
Jan-Dec 2007	Visiting Scholar, Center for the Advancement of Health, Washington DC
Jan-Jul 2000	Visiting Scientist, Picker Institute Europe, Oxford, UK, Shared Decision-making
	Forum 2000; Visiting Academic, Institute of Health Sciences, University of
	Oxford, UK
1995-2004	Professor and Division Chief, Health Services Research, Department of Medicine,
	Michigan State University; Associate Chair for Research, 1995-1999
1994-present	Principal, Margaret Holmes-Rovner Consulting, East Lansing, MI
1986-1994	Assistant-Associate Professor, Department of Medicine, Michigan State
	University
1985-2013	Adjunct Professor, Department of Sociology, Michigan State University.
1981-1986	Assistant Professor, Office of Medical Education College of Human Medicine,
	Michigan State University.
1980-1981	Research Associate, Office of Medical Education Research and Development,
	Michigan State University

Research Associate, Family Psychiatry, McMaster University, Hamilton, Ontario

HONORS

Named one of 25 "Shared Decision Making Champions" by the Informed Medical Decisions Foundation, 2014

Michigan Cancer Consortium, Spirit of Collaboration Award 2004, Prostate Cancer Action Committee, Honorable Mention 2006

Department of Medicine, Outstanding Researcher, 2003

MSU College of Human Medicine, Outstanding Faculty Award, 2002

Eugene Saenger Award for Distinguished Service, Society for Medical Decision Making, 1999 President, Society for Medical Decision Making, 1991

Vilas Fellow, University of Wisconsin, 1977-78

CONSULTANT

- Agency for Healthcare Research and Quality (AHRQ). Reducing Disparities in Healthcare Quality for Priority Populations using HIT Expert Panel. Washington, DC, October 22-23, 2009. Content expert to consider research agenda for upcoming RFA development.
- RTI International, Durham, North Carolina. Member of Technical Expert Panel, TEP, 2008-2010. Guide development and evaluation of computer-based decision support tools for two types of genetic tests related to breast cancer. One of the set of tools to assist oncologists and women interpret the results from gene expression profile tests and use these results, along with other patient and treatment factors, to decisions about adjuvant therapy.
- Center for Health Care Research & Transformation, Ann Arbor, MI. Consultant. Background document and literature review to inform development of an intervention in clinical practice to encourage judicious and appropriate use of cardiology services, 2008-2009.
- Center for the Advancement of Health, Washington, DC. Consultant, "Getting Tools Used: Lessons learned from successful decision support tools unrelated to healthcare", 2008-2009.
- Center for Mental Health Services, SAMHS, US Dept of Health and Human Services. Consultant, background and strategic initiative for Shared Decision Making in Mental Health, 2007
- HEDIS 2000 Women's Healthcare and Informed Decision Making, 1999. Advisory Panel Member
- Blue Cross/Blue Shield of Michigan. Consultant on Evaluation of Decision Support Technologies, 1995-1999
- Loeb Medical Research Institute. Clinical Epidemiology Unit, University of Ottawa. Consultant on Development of Patient Decision Support Technologies, 1995
- St. Lawrence Hospital and Healthcare Services, Lansing, Michigan. Arthur A. Knueppel, President and CEO. Principal consultant in strategic planning for geriatric services, 1990
- Center for the Evaluative Clinical Sciences, Dartmouth College, John E. Wennberg, M.D., Principal Investigator, the Shared Decision Making Program. Consultant on interactive videodisk program design, 1989

Consultant on research and development program, Foundation for Informed Medical Decision Making, 1998

PROFESSIONAL SOCIETY MEMBERSHIPS

Academy for Health Services Research American Public Health Association European Association for Communication in Health Care Society for Medical Decision Making

PROFESSIONAL SERVICE

Study Sections/Grants Review

Study Section, NIH National Institute on Aging, Secondary Analyses of Comparative Effectiveness, Health Outcomes and Costs in Persons with Multiple Chronic Conditions (R21), 2013

Study Section, NIH Health Care Systems Research Collaboratory - Pragmatic Clinical Trials Demonstration Projects, 2012

Study Section, Patient Centered Outcomes Research Institute, (PCORI), 2012

External Reviewer, Netherlands Asthma Foundation, 2011

External Reviewer, Diabetes UK, 2011

Study Section, NIH, Health Services Organization and Delivery (HSOD), February 9-10, 2011.

External Reviewer, European Medical Research Councils (EMRC), July, 2010

Study Section, NHLBI, RFA–OD-09-004, Comparative Effectiveness Research, Research and Research Infrastructure "Grand Opportunities" (RC2), July, 2009

External reviewer, Netherlands Organization for Health Research and Development, 2008, 2010

External reviewer, Science Foundation Arizona (SFAz), 2008

External reviewer, Foundation for Informed Medical Decision Making, 2007, 2011

External reviewer, Health Research Board, Republic of Ireland, 2006.

External reviewer, Dutch Cancer Society, 2005, 2014

Study Section, Special Emphasis Panel, National Institute for Diabetes, Digestive Disorders and Kidney Disease, Translational Research for the Prevention and Control of Diabetes, November 22, 2004; July 11, 2005

Study Section, Special Emphasis Panel, Chair, Centers for Disease Control, PA 04087, June, 2004

Study Section, Health Care Technology and Decision Sciences, Agency for Health Care Policy and Research, Health Care Technology. Panel member, 1990-1994; Chair, 1997, 1999-2003.

Study Section, ELSI (ethical, legal & social implications of genetics), National Institutes of Health, Panel member, July, 2003.

Ad Hoc Study Section on Informed Consent, Office of the Director, National Institutes of Health, August, 1997.

Study Section, National Center for Human Genome Research, August 1991, 1995

External reviewer, Alberta Heritage Foundation for Medical Research, 1997

External reviewer, Medical Research Council of Canada, 1995, 1997.

External reviewer, National Science Foundation, Memory and Cognitive Processes, 1984-1988

Scientific Advisory Boards

National Cancer Institute, Grid-Enabled Measures (GEM) portal, Scientific Development Committee. The GEM initiative engages the research community in developing and evaluating a clearinghouse of Shared Decision Making measures. Member, 2012-2015.

Maine Medical Center, Portland, Maine. External Scientific Advisory Board Member, November, 2007-2010.

Scholarly Societies

International Patient Decision Aids Standards Collaboration (IPDAS)

Steering Committee Member, 2003 to present.

Organizational Structure Working Group, Co-Chair, 2008 to present.

International Shared Decision Making Conference

Co-Founder of this biennial meeting with Theo Schofield, St. Catherine's College, Oxford, UK, 2001

Keynote speaker, 2007, University of Freiburg, 2007

Program Committee, 2001, 2003, 2005, 2007, 2009

Society for Medical Decision Making

President, 1991; Past President, 1992; President-Elect, 1990; Board of Trustees, 1988-89 Annual Meeting Program Committee, 1986, 1988, 1997, 1998, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010.

Short Course Instructor, Shared Decision-Making, 1999, 2000

Short Course Director, IPDAS, 2006.

Awards Committee, 1999-2002

Education Committee, 1992-1994

Student Awards Committee, 1988-1993, 1997, 1998

Scholarly Journals

Reviewer

American Journal of Public Health

Health Expectations

Health Affairs

Journal of the American Medical Association

Journal of Applied Psychology

Journal of General Internal Medicine

Journal of Participatory Medicine

Journal of Women's Health

Lancet

Lancet Oncology

Law, Medicine & Ethics

Medical Care

Medical Decision Making

Patient Education and Counseling

Preventing Chronic Disease (PCD)

Social Science and Medicine

Quality and Safety in Healthcare

Women and Health

Editorial responsibilities

Patient Education and Counseling

Editorial Board, 2002-present

BMC Medical Informatics and Decision Making; BMC Health Services Research; BMC

Medical education. Editorial Board, 2000-present

Health Expectations

North American Associate editor, 2000-2010

Medical Decision Making

Book Review Editor, 1989-1992

Editorial Board, 1986-89

Commissions/Collaboration

NCI Research partner, Cancer Control P.L.A.N.ET. (Plan, Link, Act, Network with Evidence-based Tools) website (http://cancercontrolplanet.cancer.gov), 2009-present.

International Patient Decision Aids Standards Collaboration (IPDAS Collaboration) Convened, September, 2003, Shared Decision-making Forum, Swansea, Wales. Member, Steering Committee, 2003-2005. Chair, Expert Panel: Literacy standards for judging quality in a decision aid, 2003-2007. Co-chair, Working Group on Organizational Structure, 2008-2009.

Institute for Healthcare Improvement: Teaching Improvement Collaborative. Association of American Medical Schools. Washington, DC. Lead representative, Michigan State University College of Human Medicine 2004.

Michigan Cancer Consortium

Prostate Cancer Action Committee, Co-Chair, 2002-2004

Michigan Department of Community Health

Michigan Osteoporosis Planning Group, 1998-99

Michigan Osteoporosis Strategic Plan Advisory Committee, 1999-2002

Prostate Cancer Expert Advisory Committee, 2004-2005

Michigan Diabetes Research and Training Center

Member, 2004-Present

FUNDED GRANTS AND CONTRACTS

Consultant, "Improving care transitions for acute stroke patients through a patient-centered home based case management program." (PI: M. Reeves) Patient Centered Outcomes Research Institute (**PCORI**). IHS-1310-07420. 10/1/14 to 09/30/17 (Year 1 Budget total, \$347,359 DC)

Key Informant. "eCoach: Development and Pilot Testing of a Decision Aid for Prostate Cancer" (PI, Mohan A). **AHRQ**. R21 HS021797, 1/1/13-12/31/14.

Co-Mentor (with Jimbo M), "Decision Aid to Technologically Enhance Shared Decision Making (DATES)", **NIH** R01-CA152413-02-S1, NCI Research Supplement to Promote Diversity in Health-Related Research, 9/1/12-8/31/15. (Yr 1 Budget total, \$264, 573).

Principal Investigator, "Clinical Communication Following a Decision Aid", **AHRQ** 1R03 HS021764 09/01/2012 – 8/31/2013, \$99,900. PO=Joanna Siegel

- Co-Investigator, "Demonstration of a Community System of Care for Medicaid-Insured Pregnant Women", (PI: L. Roman) **AHRQ** R18, 1R18 HS20208-01A1 7/01/2012-6/30/2017. (Yr 1 Budget total, \$328,036).
- Co-Investigator, "Linking Community Engagement Research to Public Health Biobank Practice", (PI: S. Kardia; subcontract A. Mongoven), **NICHD**, 1R01HD067264, 12/20/2010-11/30/2015, \$3,154, 511: MSU Subcontract first year, \$131,830.
- Principal Investigator, "Changing community practice when the research evidence changes: appropriate use of testing and intervention in the modern era for coronary artery disease", **CTSI** Seed Grant Program, 12/1/2010-11/30/2011, \$24,663
- Co- Principal Investigator, "Activating Patients to Improve Prostate Cancer Care", (PI: T. Skolarus) **Michigan Department of Community Health and the Blue Cross Blue Shield of Michigan Foundation,** MDCH contract 20111734-00, 10/1/2010-9/30/2011, \$100,000 + \$80,000 UM contributed.
- Co-investigator, "Developing a Rational Clinical Approach to the Disposition of TIA Cases in the ED" (PI: M. Reeves), **Agency for Healthcare Research and Quality**, 1R03HS017740-01 7/01/09-6/30/10. \$99,771.
- Primary Mentor, "Closing the Research-To-Practice-Gap in Cardiac Care of Minority and Low Income Populations", (PI: A Olomu) **Agency for Healthcare Research and Quality,** (1K08 HS018104-01) 7/1/09-6/30/14). \$679,860.
- Principal Investigator, "Coronary Artery Disease Decision Making in Primary Care", **Center for Healthcare Research and Transformation**, (MSU 61-9746), 1/04/09 31/03/10. \$188,030.
- Co-investigator, "Clinicians' Concepts of Racial/Ethnic Differences in the Management of Chronic Illness", (PI: L. Hunt) **National Human Genome Institute** (R01HG004710) 8/29/08-7/31/2011. \$1,671,735.
- Co-investigator, "Improving cardiovascular care for minority and low income populations in outpatient clinical setting", (PI: A. Olomu) **Blue Cross and Blue Shield of Michigan Foundation**. 7/1/09-6/30/2010. \$75,000.
- Co-Investigator. Getting Tools Used: Lessons learned from successful decision support tools unrelated to healthcare, 6/1/08 5/30-09. **Robert Wood Johnson Foundation**. (P733ca). \$70,962.
- Co-Investigator. Impact of a Low Literacy Prostate Cancer Decision Aid on Decision Making, **Veterans Administration** IIR 05-283-3 (PI: A. Fagerlin) 1/1/08-12/31/12. \$897,600.
- Co-Investigator. Better Decisions, Better Care: Advancing decision support to improve health care, 9/01/06 02/28/07 (PI: N. Col). **Agency for Healthcare Research and Quality**, (1 R13 HS016486-01). \$49,813.
- Co-Investigator. Women's Utilities for Perimenopausal Vasomotor Symptoms. (PI: Henry Barry), **Blue Cross Blue Shield of Michigan Foundation.** 10/01/06-9/30/07, \$65,000.
- Consultant. Helping Low-Income Families Manage Chronic Illness in Lansing: An Ethnographic Study of a Community Outreach Health Program. **MSU FACT Program.** (PI: L. Hunt). \$15,000 January, 2006.

- Co-Investigator. Impact of a Low Literacy Prostate Cancer Decision Aid on Decision Making. (PI: A. Fagerlin) 10/01/2007-9/30/2011. **VA HSR&D** IIR 05-283-3. \$897,627.
- Co-Investigator. Activated Patient Project. Medicaid Match Research Program, **Michigan Department of Community Health.** 10/1/05-9/30/07. (PI: B. Mavis) 2005-2006. \$83,101 MDCH \$83,101 contributed, total \$166,202; 2006-2007: \$65,179 MDCH \$65,180 contributed, total \$130,359.
- Co-Investigator. Assessing and Integrating Health Literacy Competencies into Office Based Patient Decision Making for Rheumatoid Arthritis (RA). (PI: R. Martin.) **CHM Community Grant Program**. 1/1/05-12/31/06 (\$150,000).
- Principal Investigator. Creating and evaluating a dissemination platform for a Prostate Cancer Decision Aid: a partnership of the Prostate Cancer Action Committee (PCAC) and the Great Lakes Chapter of the American Cancer Society (ACS). Contract: **Michigan Department of Community Health** MDCH subcontract Ref No 504200-V-05262-125 10/1/04-9/30/05 (\$146,099). Renewal: 10/1/05-9/30/06 (\$78,876).
- Co-Investigator. Feasibility Testing of a Shared Management Office Visit Program: Shared Decisions to Manage Diabetes: SDM-Diabetes. **Blue Cross and Blue Shield of Michigan Foundation.** (PI: Corser) 2/1/04-1/31/05. (\$74,900).
- Co-Investigator. Addressing the informational needs of men newly diagnosed with prostate cancer in Michigan: development of novel prostate cancer educational interventions. (PI: Wei). Contract: **Michigan Department of Community Health**, 9/1/02-9/31/03 (\$385,267)
- Principal Investigator: Developing Patient Decision Support Materials for Prostate Cancer Treatment. **Michigan Department of Community Health**, Contract # 7055-99262-000-01/02, 2/28/02-5/15/03 (\$92,751); competing continuation.
- Principal Investigator: Evaluating Patient Decision Support Materials for Prostate Cancer Treatment. **Michigan Department of Community Health,** Contract # 7055-72262-002-005-0172, 4/01/02-9/30/03 (\$68,241).
- Principal Investigator: Minority Supplement to Translating Research: Patient Decision Support and Coaching. Funding Source: **Agency for Health Care Research and Quality**, 1/1/02-12/31/04 (\$322,260). R01 HS010531-S1 Minority Investigator: Ade Olomu. No salary support. Grant provides 60% salary support for Dr. Olomu.
- Principal Investigator. Translating Research: Patient Decision Support/coaching. Funding Source: **Agency for Healthcare Research and Quality**, RO1-HS10531, 9/30/00-11/30/04 (\$1,828,588). PO=Margaret Coopey.
- Principal Investigator. Information Interpretation in Patient Decision Support. Funding Source: **Agency for Healthcare Research and Quality**, R01 HS10608, 8/1/00-7/31/03 (\$907,562).
- Co-Investigator. Contract: Developing Counseling Tools for Mammographic Screening in Women Aged 40-49 (PI: Ebell). Funding Source: **American Academy of Family Practice**, 7/1/00-12/31/00 (\$20,000)
- Co-Investigator. The Shared Decision-making Forum 2000:Oxford Project (PI: Coulter). Funding Source: **Nuffield Trust**, 1/1/2000-8/1/2000 (£20,000).

- Consultant, Research Mentor. Patient Decision Making About Antidepressant Medication. (PI: C Wills.) Funding Source: **National Institute for Nursing Research** K08, 4/10/2000-3/31/2005 (\$599,232).
- Principal Investigator. Decision Support for Women Considering Hormone Replacement Therapy. Unrestricted Grant: **Parke Davis Company**, 10/1/99-9/30/01 (\$20,000).
- Principal Investigator. Decision Support for African American Women Considering Hormone Replacement Therapy. Unrestricted Grant: **Parke Davis Company**, 2/1/98-12/31/98 (\$43,000)
- Co-Investigator. Statistical Inference for Cost-Effectiveness Analysis (PI: Gardiner). Funding Source: **Agency for Health Care Policy and Research**, R01 HS 09514) 6/1/97 6/30/00 (\$669,644).
- Co-Investigator. Evaluation of the Innovative and Interactive CD-ROM Program 'Easing Cancer Pain'. Funding Source: **Blue Cross Blue Shield of MI Foundation** (PI: Kroll) 11/1/98 1/31/00 (\$59,764) #248-II/98
- Principal Investigator. Greater Flint Shared Decision Project. Funding Source: **Blue Cross Blue Shield of Michigan Foundation**, 04/1/97 to 8/31/99 (\$126,638) #223-II.
- Research Coordinator. Center of Excellence in Minority Medical Education. (PI: Lipscomb) Training grant, **U.S. Dept. of Health and Human Services**, 9/01/93 8/30/95 (\$1,500,000). 9/1/96 8/30/98 (\$1,422,096.00). 1D34-MB04036-01
- Co-PI year I; PI, year II. MSU Inter-Institutional Heart Study (MICH): a community-based myocardial infarction registry. Funding Source: **MSU Foundation Strategic Partnership**. (Kupersmith) \$500,000, augmented by \$200,000 from **hospitals in Flint and Saginaw** 1993-1994.
- Principal Investigator. Volunteers link caregivers of Alzheimer patients to services (VLC), 1992, Funding Source: **All University Research Initiation Grants** (\$7,553).
- Co-Investigator. Women's judgments of estrogen replacement therapy (R01: NR01245 PI: Rothert), Funding Source: **National Center for Nursing Research,** 1986-1989, (\$255,487). Competing continuation: 1991-1994, (\$508,805).
- Principal Investigator. Adapting worksite wellness models to senior residences, 1990-1992, Funding Source: **All University Lifelong Education Grant**, Michigan State University (\$19,907).
- Co-Investigator. Adherence behavior following geriatric assessment: influence of perceived disability and perceived barriers (PI: Papsidero). Funding Source: **Michigan Health Care Research and Education Foundation,** 1990-1991 (\$49,500).
- Project Manager. Michigan State University Health Promotion Project (PI: Rothert. Funding Source: W.K. Kellogg Foundation, 1987-1990 (\$1,999,370).
- Program Evaluator. Area Health Education Center Program. Funding Source: **Department of Health and Human Services**, Division of Medicine, 1984-1987 (\$944,704).
- Co-Investigator. Validity of structured cases to study clinical judgment (PI: Rovner). Funding Source: **National Center for Health Services Research**, 1983-1985 (\$345,000).

- Co-Principal Investigator. Evaluation of three methods for assessing patient preferences for health care outcomes (PI: Elstein). Funding Source: **National Fund for Medical Education**, 1982-1984 (\$54,983).
- Co-Investigator. Studies of Clinical Reasoning and Informatics (PI: Elstein). Funding Source: **National Library of Medicine**, 1980-1982 (\$973,000).
- Co-Investigator. Teaching cost effective clinical decision making by the case study method (PI: Elstein). Funding Source: **National Fund for Medical Education**, 1980-1981, (\$89,295).

PUBLICATIONS

- Jinping Xu J, Janisse J, Ruterbusch JJ, Ager J, Liu J, Holmes-Rovner M, Schwartz KL. "Prostate Cancer Patients' Survival Expectations with and without Their Chosen Treatment," Annals of Family Medicine, forthcoming.
- Holmes-Rovner M, Montgomery JS, Rovner DR, Scherer LD, Whitfield J, Kahn VC, Merkle EC, Ubel PA, Fagerlin A. Informed Decision Making: Assessment of the Quality of Physician Communication about Prostate Cancer Diagnosis and Treatment. Med Decis Making. 2015 Nov;35(8):999-1009. doi: 10.1177/0272989X15597226. Epub 2015 Aug 24. PubMed PMID: 26304063.
- Kelly-Blake KA, Olomu A, Dwamena FC, Dontje K, Henry RC, Rovner DR, Holmes-Rovner M. Development of a communication skills based workshop for Shared Decision-Making (SDM). <u>European Journal for Person Centered Healthcare</u>, 2015, vol 3, issue 4.
- Kelly-Blake K, Clark S, Dontje K, Olomu A, Henry RC, Rovner DR, Rothert ML, Holmes-Rovner M. Refining a Brief Decision Aid in Stable CAD: Cognitive Interviews. <u>BMC Med Inform Decis Mak</u>. 2014 Feb 13;14:10. doi: 10.1186/1472-6947-14-10. PMID: 24521210
- Martinho MJ, Martins MM, Angelo M. [Decision making satisfaction in health scale [SWD]: instrument adapted and validated to portuguese]. Rev Bras Enferm. 2014 Dec;67(6):891-7. doi: 10.1590/0034-7167.2014670605. Epub 2014 Dec 1. Portuguese. PMID: 25590878 [PubMed in process]
- Olomu AB, Stommel M, Holmes-Rovner M, Prieto AR, Corser WD, Gourineni V, Eagle KA, MD. "Is Quality Improvement Sustainable? Findings of the American College of Cardiology's Guidelines Applied in Practice (GAP)." Int J Qual Health Care (2014) 2014 Jun;26(3):215-22. doi: 10.1093/intqhc/mzu030. Epub 2014 May 9. PMID: 24815063 (Received the Reizenstein Award for Best Paper published in IJQHC in 2014)
- Stacey D, Légaré F, Col NF, Bennett CL, Barry MJ, Eden KB, Holmes-Rovner M, Llewellyn-Thomas H, Lyddiatt A, Thomson R, Trevena L, Wu JHC. Decision aids for people facing health treatment or screening decisions. Cochrane Database of Systematic Reviews. Issue 1, 2014. DOI: 10.1002/14651858.CD001431.pub4
- Holmes-Rovner M, Banares K, Patel N, Kelly- Blake K, Mavis B. Communication skills and shared decision-making training for providers: Is there a difference? Reviewed, <u>Patient Education and Counseling</u>, Nov, 2013.

- Darwish-Yassine M, Berenji M, Wing D, Copeland G, Demers RY, Garlinghouse C, Fagerlin A, Newth GE, Northouse L, Holmes-Rovner M, Rovner D, Sims J, Wei JT. Evaluating long-term patient-centered outcomes following prostate cancer treatment: findings from the Michigan Prostate Cancer Survivor study. <u>J Cancer Surviv.</u> 2013 Nov 10. [Epub ahead of print]
- Skolarus TA, Holmes-Rovner M, Northouse LL, Fagerlin A, Garlinghouse C, Demers RY, Rovner DR, Darwish-Yassine M, Wei JT. Primary care perspectives on prostate cancer survivorship: implications for improving quality of care. Urol Oncol. 2013 Aug;31(6):727-32. doi: 10.1016/j.urolonc.2011.06.002. Epub 2011 Jul 20. PubMed PMID: 21775171; PubMed Central PMCID: PMC3213312.
- LeBlanc TW, Bartell-Hesson A, Williams A, Feudtner C, Holmes-Rovner M, Stern DT, Williamson L, Ubel PA. Patient Understanding of Medical Jargon: a survey study of U.S. medical students. Patient Educ Couns. 2014 May;95(2):238-42. doi: 10.1016/j.pec.2014.01.014. Epub 2014 Jan 30.PMID: 24525222
- Kelly-Blake K, Olomu A, Dwamena FC, Dontje K, Henry RC, Rovner DR, Rothert ML, Holmes-Rovner M. A brief provider training for shared decision-making: essential tasks. Prep for review
- Henry SG, Czarnecki D, Kahn VC, Chou WY, Fagerlin A, Ubel PA, Rovner DR, Alexander SC, Knight SJ, Holmes-Rovner M. Patient-physician communication about early stage prostate cancer: analysis of overall visit structure. Health Expect. 2015 Oct;18(5):1757-68. doi: 10.1111/hex.12168. Epub 2013 Dec 22. PubMed PMID: 24372758; PubMed Central PMCID: PMC4370798.
- Mavis B, Holmes Rovner M, Jorgenson S, Coffey J, Anand N, Bulica E, Gaulden CM, Peacock J, Ernst A. Patient participation in clinical encounters: a systematic review to identify self-report measures. Health Expect. 2014 Mar 11. doi: 10.1111/hex.12186. [Epub ahead of print] PubMed PMID: 24611995.
- Jimbo M, Rana GK, Hawley S, Holmes-Rovner M, Kelly-Blake K, Nease DE Jr, Ruffin MT 4th. What is lacking in current decision aids on cancer screening? CA Cancer J Clin. 2013 May;63(3):193-214. doi: 10.3322/caac.21180. Epub 2013 Mar 15. Review. PubMed PMID: 23504675; PubMed Central PMCID: PMC3644368.
- Olomu A, Gourineni V, Huang J, Pandya N, Efeovbokhan N, Samaraweera J, Parashar K, Holmes-Rovner M. Rate and Predictors of Blood Pressure Control in a Federal Qualified Health Center in Michigan: A Huge Concern? <u>J Clin Hypertens</u> (Greenwich). 2013 Apr;15(4):254-63. doi: 10.1111/jch.12067. Epub 2013 Feb 1.
- Dwamena F, Holmes-Rovner M, Gaulden CM, Jorgenson S, Sadigh G, Sikorskii A, Lewin S, Smith RC, Coffey J, Olomu A. Interventions for providers to promote a patient-centred approach in clinical consultations. <u>Cochrane Database of Systematic Reviews 2012</u>, Issue 4 . Art. No.: CD003267. DOI: 10.1002/14651858.CD003267 (Review was particularly highly rated: Ranked as number 3 in the top 10 most cited CCCG reviews in 2014, cited 24 times. It was accessed in full-text 4475 times in 2014.)
- McCaffery KJ, Holmes-Rovner M, Smith SK, Rovner D, Nutbeam D, Clayman M, Kelly-Blake K, Wolf MS, Sheridan SL. Addressing health literacy in Patient Decision Aids. <u>BMC Medical</u>

- <u>Informatics and Decision Making</u>, 2013;13 Suppl 2:S10. doi: 10.1186/1472-6947-13-S2-S10. Epub 2013 Nov 29.
- Skolarus TA, Holmes-Rovner M, Hawley ST, Dunn RL, Barr K, Willard N, Wei JT, Piette JD, An LC. Monitoring Quality of Life Among Prostate Cancer Survivors: The Feasibility of Automated Telephone Assessment. <u>Urology</u>. 2012 Nov;80(5):1021-6. doi: 10.1016/j.urology.2012.07.038. Epub 2012 Sep 16.
- Holmes-Rovner M. Satisfaction With Decision (SWD): Patient satisfaction with his/her healthcare treatment or screening decision. Invited publication for inclusion in PsycTESTS@catalog of measures maintained by American Psychological Association). http://www.apa.org/pubs/databases/psyctests/
- McCaffery KJ, Holmes-Rovner M, Smith SK, Rovner D, Nutbeam D, Clayman ML, Kelly-Blake K, Wolf MS, Sheridan SL. Addressing health literacy in patient decision aids. BMC Med Inform Decis Mak. 2013;13 Suppl 2:S10. doi: 10.1186/1472-6947-13-S2-S10. Epub 2013 Nov 29. Review. PubMed PMID: 24624970; PubMed Central PMCID: PMC4042520
- McCaffery K, Sheridan S, Nutbeam D, Clayman M, Kelly-Blake K, Holmes-Rovner M, Rovner D, Smith S, Wolf M. Addressing Health Literacy in 2012 Update of the IPDAS Collaboration Background Document. http://ipdas.ohri.ca/IPDAS-Chapter-J.pdf
- Stacey D, Bennett CL, Barry MJ, Col NF, Eden KB, Holmes-Rovner M, Llewellyn-Thomas H, Lyddiatt A, Légaré F, Thomson R. Decision aids for people facing health treatment or screening decisions. <u>Cochrane Database of Systematic Reviews 2011</u>, <u>Issue 10</u>. <u>Art. No</u>.: CD001431. DOI: 10.1002/14651858.CD001431.pub3.
- Olomu AB, Corser WD, Stommel M, Xie Y, Holmes-Rovner M. Do self-report and medical record comorbidity data predict longitudinal functional capacity and quality of life health outcomes similarly? BMC Health Serv Res. 2012 Nov 14;12:398. doi: 10.1186/1472-6963-12-398. PubMed PMID: 23151237; PubMed Central PMCID: PMC3538524.
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BOOK CHAPTERS

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INVITED PRESENTATIONS

- Holmes-Rovner M. Cancer Prevention & Control Program, Lombardi Comprehensive Cancer Center Georgetown University Medical Center, Georgetown University, Meet-the-Professor Series. "Patient Decision Aids: Applying International Standards to Improve Effectiveness". Washington DC, March 12, 2014.
- Holmes-Rovner M. University of Minnesota, Center for Personalized Prevention Research. "Preference formation in the face of evidence: What options do we offer patients in screening programs"? Minneapolis, October 18, 2012.
- Holmes-Rovner M. CMIO Leadership Forum: Transforming Healthcare Through Evidence-Based Medicine on the topic of "Engaging Patients Through Evidence-Based Medicine." Chicago, October 4-6, 2012.
- Holmes-Rovner M, Olomu A. Patient Decision Making: Sharing important decisions with patients. Spectrum Health Ethics Conference, "Honesty and Practice: The Ethics of Truth-telling". Grand Rapids, MI, September 14, 2012.
- Holmes-Rovner M, Cunningham N. Supporting Patient Choice in Health Care Reform: Perfected Informed Consent or Invitation for Litigation. Bioethics for Breakfast, MSU University Club, January 19, 2012.
- Holmes-Rovner M, Shared Decision Making Models in Practice—Transformation to More Patient-Centered Care. World Congress Leadership Summit on Shared Decision Making, September 22-23, 2011, Washington DC.
- Holmes-Rovner M, Dontje K. SDM-GRIP is here to stay?: 2010-2011 MSU Intervention to improve appropriateness of cardiology services. Department of Family Medicine, September 1, 2010, East Lansing, MI

- Holmes-Rovner, M. Reactor panel for the April 2008 Series, responding to Dr. Paul Slovic, President and founder of Decision Research. The title of his talk was: "If I Look at the Mass I Will Never Act: Psychic Numbing and Genocide", April 23, 2008.
- Holmes-Rovner M. Patient decision support research in oncology. Cancer Prevention and Control, VCU Massey Cancer Center, Richmond, VA, November 14, 2007.
- Holmes-Rovner, M. Shared decision-making in women's health: the view from the field. Plenary Opening Symposium, North American Menopause Society (NAMS), October 3-6, Dallas, Texas.
- Holmes-Rovner M. a) Issues and opportunities for shared decision making in health care policy b) Personal, practice and system barriers. Shared Decision Making In Mental Health, invited conference, DHHS Community Mental Health Services Branch, July 10-11, 2007, Washington, DC.
- Holmes-Rovner M. History of Collaboration in International Shared Decision Making meetings: the stories of science in the making. Opening Keynote address. International Shared Decision-Making biennial meeting. Freiburg, Germany, May 30, 2007.
- Holmes-Rovner M. Discussant, Niagara Workshop, Beyond Diagnosis: Health Outcomes, Decision Making and Survivorship, Canadian Cancer Research Consortium, May 11-12, 2007.
- Holmes-Rovner M. Discussant, Invitational Meeting, Improving Quality Health Care: The Role of Consumer Engagement sponsored by the Robert Wood Johnson Foundation, Washington DC, February 16, 2007
- Holmes-Rovner M. Chair, Dinner Symposium and Debate: "Patient decision aids are the best way to improve the quality of clinical decision making". Society for Medical Decision-Making Annual Meeting, Boston, October 14-18, 2006.
- Holmes-Rovner M. Chair, Short Course, Standards for Educational Materials to Support Shared Decision-Making: State of the Art. Society for Medical Decision-Making Annual Meeting, Boston, October 14-18, 2006.
- Holmes-Rovner M. Patient Decision Support and Counseling: Theory, Practice and Research Opportunities. Joint Seminar Series, Department of Microbiology and Immunology, Thomas Jefferson University, Philadelphia, October 27, 2005
- Holmes-Rovner M. Resourceful Patient Project: Teaching patient-physician communication to patients. MSU Department of Pediatrics and Human Development, October 5, 2005
- Holmes-Rovner M. Is Diabetes Prevention Cost Effective? American College of Physicians Regional Meeting, Traverse City, Michigan, September 23, 2005.
- Holmes-Rovner M. "Shared decision-making in cancer treatment: Theory and Research". College of Nursing, E. Lansing, MI, March 18, 2005
- Holmes-Rovner M. "Evidence-based Update: Helping Patients Reach Treatment Goals." Invited seminar, Regional Meeting, American College of Physicians, Traverse City, MI, October 1, 2004.
- Holmes-Rovner, M. "Shared decision-making: Theory and Research". Invited seminar, Institute for Health Policy and Health Services Research, University of Cincinnati, May, 2004.

- Holmes-Rovner M. Patient decision-making about early stage prostate cancer: paths to shared decision-making. Keynote speaker. Mid-Michigan Cancer Consortium. Owosso, MI. June 10, 2003.
- Holmes-Rovner M. Best Practices in Peer Review. Invited lecture at the meeting, "Research Peer Review in the 21st Century", an all Study Section meeting of the Agency For Healthcare Research and Quality, February 25-26, 2003, Bethesda, MD.
- Holmes-Rovner, M., Wills C. Improving Informed Consent: Insights From Behavioral Decision Making and Communication. Invited Conference, Department of Veterans Affairs, Office of Research and Development State of the Art Conference: "Making Informed Consent Meaningful", Washington, DC, March 7-9, 2001.
- Holmes-Rovner M. Prostate cancer decision support materials state of the art and recommendations. Michigan Department of Community Health, Prostate Cancer Action Committee. October, 2001
- Holmes-Rovner M. Cost and effectiveness of colorectal cancer screening. Grand Rounds, Department of Medicine, February, 2001.
- Holmes-Rovner M. Innovative methods for improving secondary presention post-MI: research at MSU. Distinguished lectureship, Cardiovascular Seminar 2001, Department of Medicine, Michigan State University, October, 2001
- Holmes-Rovner M. Faculty: Recent advances in development of aids to shared decision-making. Pre-conference short course, Annual meeting, Society for Medical Decision Making, October, 2000.
- Holmes-Rovner M. Improving secondary prevention in coronary heart disease. Department of Epidemiology seminar, September, 2001.
- Holmes-Rovner M. Must all clinical decisions be shared decisions? Seminar, Institute for Health Sciences, Oxford, UK, May, 2000.
- Holmes-Rovner M. Moving shared decision-making into the health policy mainstream: strategies and models. Seminar, Picker Institute Europe, Oxford, UK, June, 2000.
- Holmes-Rovner M. Faculty: Recent advances in development of aids to shared decision-making. Pre-conference short course, Annual meeting, Society for Medical Decision Making, October, 2000.
- Holmes-Rovner M. Invited Seminar: Decision Analysis as a core analytic tool for Shared Decision Making. University of Wales College of Medicine, July, 1999.
- Holmes-Rovner M. Shared decision-making: state of the art. Pre-conference short course, Annual meeting, Society for Medical Decision-making, September, 1999. Rated the best short course at the conference in 1999.

- Holmes-Rovner M. Osteoporosis Screening and Prevention. Grand Rounds, Department of Medicine, January 22, 1999.
- Holmes-Rovner M. Shared decision-making as a risk management strategy. Warren County Medical Society, October, 1998.
- Holmes-Rovner M. Risk management and patient participation in decision-making. Michigan State Medical Society, November, 1998.
- Holmes-Rovner M. Faculty: Basic diagnostic test evaluation. Short course at the American Geriatrics Society/American Federation for Aging Research Annual Meeting, May, 1996, Chicago, Ill.
- Holmes-Rovner M. Presidential Address to the Society for Medical Decision Making: Methods for medical decision making. Rochester, NY, October, 1991.
- Holmes-Rovner M. Utility assessment and evaluation of medical effectiveness. Invited paper, Agency for Health Care Policy and Research. Washington, DC, February 1993. Contributed to shaping program announcements for this Federal agency.

PEER-REVIEWED ABSTRACTS

- Olomu A, Khan NN, Todem D, Huang Q, Bottu S, Quadri S, Holmes-Rovner M. Blood Pressure Control in Diabetic Patients at Federally Qualified Health Centers: The Impact of Office-Guidelines to Practice (Office-GAP) Program. Presented at the Society for General Internal Medicine Regional Meeting in Cleveland, OH, August 27-28, 2015.
- Olomu A, Khan NN, Todem D, Huang Q, Bottu S, Quadri S, Holmes-Rovner M. Patient Engagement Program Led to Improved Evidence-Based Medication Use in Diabetic and Heart Disease Patients in Federally Qualified Health Center: The Office Guidelines Applied to Practice Program. Presented at the Society for General Internal Medicine Regional Meeting in Cleveland, OH, August 27-28, 2015.
- Holmes-Rovner M, Roman LA, Raffo J. Decision Aids in Perinatal Depression: Tools to inform decisions and coordinate care among Medicaid insured women. Presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015
- Holmes-Rovner M, Bottu S, Qadri S, Olomu A. Implementing Shared decision making in Federally Qualified Health Centers: The Office-Guideline Applied to Practice (Office-GAP) Model. Presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015
- Holmes-Rovner M. What if decision aids use plain language to promote shared decision making? Symposium presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015
- Holmes-Rovner M, Srikanth A, Rovner DR, Langford A, Henry SG, Fagerlin A. Booklet Talk: Patient use of decision aids in prostate cancer diagnosis encounters. Presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015

- McCaffery K, Entwistle V, Frosch D, Holmes-Rovner M, Muscat D, Smith S. Rising to the challenge: achieving SDM with patients and consumers with lower health literacy. Symposium presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015
- Stacey D, Elwyn G, Barry MJ, Col N, Coulter A, Eden K, Harter M, Holmes-Rovner M, Llewellyn-Thomas H, Montori V, Moumjid N, Pignone M, Thomson R, Trevena L, Volk RJ, van der Weijden T. International Patient Decision Aid Standards (IPDAS) Collaboration: Special Interest Group. Presented at the International Shared Decision Making conference, Sydney, Australia, July 19-22, 2015.
- Bennett I, Cohen D, Holmes H, Holmes-Rovner M. Participatory design of a patient decision aid for treatment choice for perinatal depression. Presented at the 2014 NAPCRG Annual Meeting being held November 21-25 in New York, New York.
- Bennett I, Holmes J, Holmes-Rovner M, Members of the SPIRIT Participatory Design Team.

 Participatory design of a patient decision aid in treatment choice for perinatal depression.

 Presented at the Annual Meeting of the Society for Medical Decision Making, Miami,

 October 18-22, 2014.
- Holmes-Rovner M, Rovner DR, Srikanth A, Kahn VC, Henry SG, Ubel PA, Fagerlin A, Booklet Talk: Patient use of decision aids in prostate cancer diagnosis encounters. Presented at the Annual Meeting of the Society for Medical Decision Making, Miami, October 18-22, 2014.
- Olomu A, Gautam B, Buda B, Hsu, W, Chahal G, Uwaje W, Samaraweera J, Machavarapu H, Todem D, Holmes-Rovner M. Patient Activation Intervention Improved Evidence-based Medication Use in Diabetic and Heart Disease patients in Federally Qualified Health Centers: The Office Guidelines Applied to Practice. Presented at the Annual Meeting of the Society for General Internal Medicine, April 24, 2014, San Diego, California.
- Olomu A, Gautam B, Buda B, Hsu, W, Therman A, Kumar E, Chahal G, Todem C, Holmes-Rovner M. Blood Pressure Control in Diabetic Patients at Federally Qualified Health Centers: The Impact of Office-Guidelines Applied to Practice (Office-GAP). Presented at the Annual Meeting of the Society for General Internal Medicine, April 24, 2014, San Diego, California.
- Olomu A, Gautam B, Buda B, Joplin I, Holland K, Wen Hsu W, Therman A, Todem D, Holmes-Rovner M, Do Safety-Net Patients have Access to Cardiovascular Risk Factors Control? Presented at the American Heart Association Quality of Care and Outcomes Research (QCOR) Scientific Sessions, Baltimore, MD, June 2-4, 2014.
- Srikanth A, Kahn VC, Rovner DR, Greenwell A, Ellsworth E, Harder M, Holmes-Rovner M. Evaluation of the use of a decision aid during diagnosis visits in early stage prostate cancer. Presented at the Annual Meeting of the Michigan State Medical Society, October 23-25, 2013, Troy, MI.
- Henry SG, Czarnecki D, Kahn VC, Chou WYS, Fagerlin A, Ubel PA, Rover DR, Alexander SC, Knight SJ, Holmes-Rovner M. "Patient-physician communication about early stage prostate cancer: Analysis of overall visit structure. Presented at the International Conference on Communication in Healthcare. Montreal, QC, October 2, 2013.

- Fagerlin A, Holmes-Rovner M, Knight SJ, Ling B, Alexander S, Tulsky JA, Rovner D, Kahn VC, Ubel PA. Physician role in patients' decisions about prostate cancer treatment. Presented at the Society for Medical Decision Making- Asian-Pacific Meeting, Singapore, January 6-8, 2014.
- Olomu A, Gautam B, Buda B, Hsu W, Chahal G, Machavarapu H, Todem D, Holmes-Rovner M. Patient Activation Intervention Improved Evidence-based Medication Use in Diabetic and Heart Disease patients in Federally Qualified Health Centers: The Office Guidelines Applied to Practice Program. Presented at the Society for General Internal Medicine Regional Meeting, September 12-13, 2013
- Olomu A, Gautam B, Buda B, Hsu W, Chahal G, Machavarapu H, Todem D, Holmes-Rovner M. Blood Pressure Control in Diabetic Patients at Federally Qualified Health Centers: The Impact of Office-Guidelines Applied to Practice (Office-GAP) Program. Presented at the Society for General Internal Medicine Regional Meeting, September 12-13, 2013
- Jimbo M, Rana GK, Hawley S, Holmes-Rovner M, Kelly-Blake K, Nease DE, Ruffin MT. Do decision aids on cancer screening affect shared decision making? Presented at the North American Primary Care Research Group (NAPCRG), November 9-13, 2013, Ottawa, Ontario, CA.
- Fagerlin A, Holmes-Rovner M, Rovner D, Knight SJ, Alexander S, Tulsky J, Ling B, Kahn VC, Gingrich J, Ubel PA. Do patients get what they want: stability of preferences before and following a physician visit? Presented at the Annual Meeting of the Society for Medical Decision Making, October 19-23, 2013, Baltimore, MD.
- Scherer LD, Ubel PA, Holmes-Rovner M, Rovner D, Alexander S, Tulsky JA, Knight SJ, Wei JT, Gingrich J, Fagerlin A. Racial differences in treatment preferences after using a low versus high literacy prostate cancer decision aid. Presented at the Annual Meeting of the Society for Medical Decision Making, October 19-23, 2013, Baltimore, MD
- Holmes-Rovner M, Kahn VC, Rovner D, Davis K, Alexander S, Braddock C, Tulsky JA, Ubel PA, Fagerlin A. Does it take longer to do better informed decision making in early stage prostate cancer? Presented at the Annual Meeting of the Society for Medical Decision Making, October 19-23, 2013, Baltimore, MD.
- Olomu AB, Gourineni V, Pierce SJ, Holmes-Rovner M. Implementing Shared Decision Making in a Community Health Center: Impact on Patient Satisfaction with Physician Communication, Confidence in Decision and Adherence. Presented at the Annual Meeting of the Society for Medical Decision Making, October 19-23, 2013, Baltimore, MD.
- Holmes-Rovner M, Banares K, Kelly-Blake K, Mavis B, Patel N. Patient-centered care: Is there a state of the art? Presented at the 21st Cochrane Colloquium, September 2013, Quebec, Quebec.
- Testa C, Hart-Davidson W, Holmes-Rovner M. Supporting Synthesis: A Study of Medical Professionals' Written, Systematic Reviews of Evidence. Presented at the International Society for the Advancement of Writing Research Annual Conference, Writing Research Across Borders, February 19-22, 2014, Paris, France.
- McCaffery KJ, Holmes-Rovner M, Smith SK, Rovner D, Nutbeam D, Clayman ML, Kelly-Blake K, Wolf MS, Sheridan SL. Addressing Health Literacy in Patient Decision Aids:

- Systematic Review of the Literature. Presented at the International Shared Decision-Making Conference, Lima, Peru, 2013.
- Olomu A, Gourineni V, Buda B, Todem D, Hsu W, Samaraweera J, Gandhi S, Therman A, Kumar E, Holmes-Rovner M. Low income patients with diabetes: High risk for uncontrolled hypertension? Presented at the annual meeting of AHA QCOR, May 15-17, 2013, Baltimore, MD.
- Stacey D, Courtemanche C, Barry M, Bennett C, Col N, Eden K, Holmes-Rovner M, Legare F, Llewellyn-Thomas H, Lyddiatt A, Thomson R, Trevena L, Beach S. Cochrane review of patient decision aids for treatment or screening decisions: Update in 2012 reveals 24 new trials for 110 total. Presented at the International Shared Decision Making Conference, Lima, Peru, June, 2013.
- Olomu A, Gourineni V, Pierce SJ, Holmes-Rovner M. Implementing Change in Practice in a Federally Qualified Community Health Center: The Office-Guideline Applied to Practice (Office-GAP) Model. Presented at the Annual Meeting of the Society for General Internal Medicine, Denver, Colorado, April 24-27, 2013.
- Olomu A, Gourineni V, Pierce SJ, Holmes-Rovner M. Shared Decision Making Education to Implement Practice Change: Impact on Patients' Satisfaction with Physician Communication and Confidence in Decision. Presented at the Annual Meeting of the Society for General Internal Medicine, Denver, Colorado, April 24-27, 2013.
- Kahn VC, Ubel PA, Holmes-Rovner M, Rovner D, Alexander S, Knight S, Tulsky J, Tobi JA, Fagerlin A. Determining the impact of literacy on the decision making experience of patients with prostate cancer. Presented at the annual meeting of the Society for Medical Decision Making, Phoenix, October 19, 2012.
- Fagerlin A, Holmes-Rovner M, Rovner D, Alexander S, Knight S, Ling B, Tulsky J, Kahn VC, Tobi JA, Ubel PA. Does keeping it simple actually help? Testing the impact of the literacy level of a decision aid on prostate cancer decision making. Presented at the annual meeting of the Society for Medical Decision Making, Phoenix, October 19, 2012.
- Scherer LD, Holmes-Rovner M, Rovner D, Ubel PA, Alexander S, Knight S, Ling B, Tulsky J, Kahn VC, Fagerlin A. Action bias and anxiety as predictors of prostate cancer treatment preferences and treatment decisions. Presented at the annual meeting of the Society for Medical Decision Making, Phoenix, October 19, 2012.
- Reeves MJ, Mavis B, Wilkins T, Holmes-Rovner M, Brown M, Hughes, Use of Risk Stratification for the Management of TIA in the Emergency Department: Focus Group Results. Presented at the Quality of Care and Outcomes Research meeting of the American Heart Association, Atlanta, May 9-11, 2012.
- Gourineni V, Olomu A, Pierce S, Pandya N, Parashar K, Eagle K, Holmes-Rovner M. Real-Time decision support tool increased outpatient medication use for minority and low-income populations with coronary heart disease: The Office-Guideline Applied in Practice (Office-GAP) Program, Presented at the Annual Meeting of the American College of Cardiology QCOR meeting, Atlanta, May 9-11, 2012.
- Olomu A, Gourineni V, Pandya N, Pierce SJ, Kaur R, Eagle K, Holmes-Rovner H. Office-Guidelines Applied in Practice (GAP) Program Increased Patients' Understanding of Coronary Heart Disease, Shared Decision Making and Use of Evidence-based

- Medications in Federal Qualified Community Health Center in Michigan. Presented at the Annual Meeting of the American Heart Association, 2011.
- Scherer L, Ubel P, Holmes-Rovner M, Knight SJ, Alexander S, Ling B, Tulsky J, Fagerlin A. Literacy And Irrational Decisions: bias from beliefs, not from comprehension. Society for Medical Decision Making Annual Meeting, Chicago, October 22-26, 2011.
- Fagerlin A, Holmes-Rovner M, Knight S, Ling B, Alexander S, Tulsky J, Rovner D, Tobi JE, Kahn JC, Ubel PA. Literacy and Numeracy In Veterans And Their Impact On Cancer Treatment Perceptions And Anxiety. Society for Medical Decision Making Annual Meeting, Chicago, October 22-26, 2011.
- Holmes-Rovner M, Whitney S. Refining shared decision making: disrupting encounters with decision support? Presented at the ICCH-HARC Chicago Conference, Chicago, October 16-19, 2011.
- Holmes-Rovner M, Garlinghouse C, Fagerlin A, Wei JT, Rovner D. Decision Aid Gone Viral: The Six-Year History of "Making the Choice.". Presented at the International Shared Decision Making conference, Maastricht, NL, June, 2011
- Kelly-Blake K, Holmes-Rovner M, Dwamena FCD, Dontje K, Henry R, Olomu A, Rovner DR, Rothert M. Shared Decision Making: Piloting an implementation model in primary care for stable coronary artery disease (CAD). Presented at the International Shared Decision Making conference, Maastricht, NL, June, 2011
- Stacey D, Bennett C, Barry M, Col N, Eden K, Holmes-Rovner M, Légaré F, Lyddiat A, Llewellyn-Thomas, H. Updated Cochrane Review of Patient Decision Aids: 87 trials show increased participation and higher likelihood of achieving informed, values-based decisions. Presented at the International Shared Decision Making conference, Maastricht, NL, June, 2011
- Stacey D, Bennett C, Barry M, Col N, Eden K, Entwistle V, Holmes-Rovner M, Legare F, Lyddiat A, Llewellyn-Thomas H. Updated Cochrane Review Of Patient Decision Aids: 86 Trials Show Increased Participation And Higher Likelihood Of Achieving Informed, Values-Based Decisions. Submitted to the Annual Meeting of the Society for Medical Decision Making, Chicago, October 23-26, 2011.
- Olomu A, Efeovbokhan N, Gourineni V, Manjunath R, Xie E, Holmes-Rovner, M. Hypertension Control in a Federal Qualified Health Center in Michigan: How are we doing? Submitted to the Annual Meeting of the Society for General Internal Medicine, Phoenix, May 4-7, 2011.
- Raju M, Gourineni MD, Efeovbokhan K, Narisetty C, Atueyi K, Gaurav Y, Xie E, Holmes-Rovner, M, Olomu A. Do All Diabetics receive equal care in a Federally Qualified Health Center in Michigan? Submitted to the Annual Meeting of the Society for General Internal Medicine, Phoenix, May 4-7, 2011.
- Bogdan-Lovis L, Holmes-Rovner M. Clinical toss-ups: in defense of resource-preserving shared decision-making. Presented at the Joint Cochrane & Campbell Colloquium, Keystone, Colorado, October 18-27, 2010 (published in The Cochrane Library).
- Kelly-Blake, K, Holmes-Rovner, M, Dwamena, F, Dontje, K, Rovner, D, Henry, R, Olomu, A, Rothert, M, and M Riba. Improving coordination of care for stable coronary artery

- disease (CAD): Primary care shared decision-making. Poster presented to the American Public Health Association 138th Annual Meeting & Exposition, November 6-10, 2010.
- Olomu AB, Sokolnicki A, Bevilacqua M, Pandya N, Eagle K, Holmes-Rovner, M. Connecting Quality to Outpatient Practice: Implementing Office-Guideline Applied in Practice Program in Cardiac Care in a Federally Qualified Community Health Center. Presented at the Annual Meeting, Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2010 Scientific Sessions, Washington D.C., May 19-21, 2010, Forthcoming, Circulation: Cardiovascular Quality and Outcomes.
- Dontje K, Holmes-Rovner M. Group visit intervention impact on shared decision making for coronary artery Disease. Presented, 2010 Midwest Nursing Research Society Annual Conference, April 10, 2010, Kansas City, Missouri.
- Kelly-Blake K, Holmes-Rovner M, Dwamena FCD, Dontje K, Henry RCH Olomu, A. Implementing Shared Decision Making: An integrative model for specialty and primary care in stable coronary artery disease (CAD). Poster presented at Academy Health, June 27-29, 2010, Boston, MA
- Holmes-Rovner M. Chair, Getting Evidence-based Decision Support Tools Used:Lessons from Outside Health Care. Will patient Decision Aids have a vital role in health care reform? Does Public Reporting of quality matter? Convener and moderator, Dinner Symposium, Society for Medical Decision Making, October 17, 2009.
- Holmes-Rovner M, O'Connor AM, Elwyn G, Volk R, Llewellyn-Thomas H, Pignone M, Harter M, Thomson R, The International Patient Decision Aids Standards Collaboration (IPDAS): update and future direction. <u>International Shared Decision Making Conference</u>, Boston, June 14-17, 2009.
- Elwyn G, O'Connor A, Bennet C, Newcombe R, Durand A, Drake E, Joseph N, Khangura S, Politi M, Saramaaki A, Sivell S, Stiel M, Bernstein S'Col N'Coulter A, Eden K, Härter M, Holmes Rovner M, Moumjid N, Stacey D, Thomson R, Whelan T, van der Weijden T, Edwards A. Assessing the quality of decision support technologies using the international patient decision aid standards instrument (IPDASI). Presented at the Society for Medical Decision Making, Philadelphia, Oct. 18-22, 2008.
- Loyson AC, Walsh KC, Mavis BE, Dwamena FC, Holmes-Rovner M. Can you read me? Health literacy's impact on clinical survey methods. Poster presented at the Lansing Community Research Day, Michigan State University, Lansing MI. April 30, 2008.
- Walsh K, Loyson A, Mavis B, Holmes-Rovner M, Dwamena F. The Activated Patient Project: Teaching patients about medical visits. Poster presented at the Lansing Community Research Day, Michigan State University, Lansing MI. April 30, 2008
- Olomu AM, Dhoble A, Siddiqi A, Burton K, Oluwole D, Holmes-Rovner M. Use of beta blockers, lipid lowering agents, and angiotensin converting enzyme- inhibitors before recurrent acute myocardial infarction. Presented at the Annual Meeting of the Society for General Medicine, Pittsburgh, April 9-12, 2008.
- Dwamena F, Mavis B, Walsh K, Loyson A, Holmes-Rovner M. Teaching Medical Interviewing to Patients. Presented at the European Association for Communication in Health Care, Oslo, Norway, Sept. 2-5, 2008.

- Dwamena F, Gaulden C, Olomu A, Lewin S, Smith R, Holmes-Rovner M et al. A systematic review of interventions for providers to promote a patient-centered approach. Presented at the European Association for Communication in Health Care, Oslo, Norway, September 2-5, 2008.
- Holmes-Rovner M, Charvet-Berard A, Whitney S. Shared decision making: theory and practice: A symposium presented at the European Association for Communication in Health Care, Oslo, Norway, September 2-5, 2008.
- Elwyn G, O'Connor A, Bennet C, Newcombe R, Durand A, Drake E, Joseph N, Khangura S, Politi M, Saramaaki A, Sivell S, Stiel M, Bernstein S'Col N'Coulter A, Eden K, Härter M, Holmes Rovner M, Moumjid N, Stacey D, Thomson R, Whelan T, van der Weijden T, Edwards A. Development, validation, and inter-rater reliability of the International Patient Decision Aid Standards Instrument (IPDASi) as a quality appraisal tool. Presented at the European Association for Communication in Health Care, Oslo, Norway, September 2-5, 2008.
- Martin RW, Head AF, Holmes-Rovner M. Ability to Interpret Statements of Numeric Risk & Patient Satisfaction with Anti-Rheumatic Risk Communication. Poster presented at the Society for Medical Decision Making, Pittsburgh, Pa, October 22-24, 2007.
- Martin RW, Head AF, Holmes-Rovner M. Does depression modify patient appraisal of antirheumatic drug treatment effects? Poster presented at the Society for Medical Decision Making, Pittsburgh, Pa, October 22-24, 2007.
- Martin R, Head A, Tubergen E, Bader L, Holmes-Rovner M. <u>Identifying Patients Who Need Low Literacy Materials to Support Anti-Rheumatic Drug Decision Making</u>. Presented at the American College of Rheumatology <u>Annual Scientific Meeting</u>, <u>Boston</u>, MA, <u>November 6-11, 2007</u>.
- Olomu AB, Dhoble A, Siddiqi A, Burton K, Oluwole D, Holmes-Rovner M. Use of beta blockers, lipid lowering agents, and angiotensin converting enzyme- inhibitors before recurrent acute myocardial infarction. Presented at SGIM Midwest Regional meeting, Sept 28-29, 2007, Chicago.
- Wills CE. Franklin M, Holmes-Rovner M. Pilot Test of a patient decision support intervention for depression. NIMH Mental Health Services Research Conference, July 23-24, 2007, Washington, DC
- Stacey D, Elwyn G, Bennett C, Holmes-Rovner M, Sepucha K. Workshop: Critically appraising the quality of patient decision aids using the International Patient Decision Aids Standards instrument (IPDASi). Workshop presented at the International Shared Decision Making Meeting, Freiburg, Germany, May 30-June 1, 2007.
- Wills, C.E., Franklin, M., & Holmes-Rovner, M. Feasibility and outcomes testing of a patient-centered decision support intervention for depression in people with diabetes. Oral presentation at the 4th annual International Shared Decision Making conference. June, 2007, Freiburg, Germany.
- Olomu A, Stommel M, Prieto A, Corser W, Holmes-Rovner M, Eagle K. Is quality improvement sustainable? The example of American College of Cardiology's guidelines applied in practice (GAP). Presented at the Society For General Internal Medicine, Thursday, April 26 2007, Toronto, Ont.

- Mavis, B., Holmes-Rovner, M., Dwamena, F., Walsh, K., Loyson, A. & Osuch, J. Patient-centered communications: Teaching patients about medical interviewing. Submitted for the annual meeting of the Research in Medical Education, Association of American Medical Colleges, Washington DC, November 2007.
- C Bennett, A O'Connor, D Stacey, M Barry, N Col, K Eden, V Entwistle, V Fiset, M Holmes-Rovner, S Khangura, H Llewellyn-Thomas, D Rovner. Does the addition of 25 new trials to the Cochrane review of patient decision aids change bottom line results? Submitted to the 4th Biennial International Shared Decision Making meeting, Freiburg, Germany, May 30, 2007
- Holtrop J, Corser W, Stommel M, Holmes-Rovner M. Predictors of Smoking Cessation and Relapse after Hospitalization for Acute Coronary Syndrome. Submitted to the Society for Research in Nicotine and Tobacco Annual Meeting. Austin, Texas, February 21-24, 2007.
- Martin R.W, Holmes-Rovner M, et al. Effectiveness of Disease Modifying Anti-rheumatic Drug Risk Communication in Rheumatoid Arthritis. Accepted for presentation to the American college of Rheumatology, Washington DC, November 10-15, 2006.
- Martin RW, Holmes-Rovner M, et al. Rheumatoid Arthritis DMARD Knowledge Profile: Development and Validation. Accepted for presentation to the American college of Rheumatology, Washington DC, November 10-15, 2006.
- Martin RW, Holmes-Rovner M, et al. The Importance of Patient Trust of Physician in Rheumatoid Arthritis Decision Making. Accepted for presentation to the American college of Rheumatology, Washington DC, November 10-15, 2006.
- Dwamena FC, Holmes-Rovner M, Mavis B, Fletcher F, Loyson A, Osuch J, Walsh K. Teaching Medical interviewing to Patients: The Other Side of the Encounter. Presented at the American Academy on Physician and Patient (AAPP) Research and Teaching Forum, October 13 15, 2006, Atlanta Georgia
- Dwamena FC, Smith RC, Fletcher F, Holmes-Rovner M, Mavis B, Loyson A, Osuch J, Walsh K. Feasibility of Teaching Medical interviewing to African American Women. Presented at the American Academy on Physician and Patient (AAPP) Research and Teaching Forum, October 13 15, 2006, Atlanta Georgia.
- Olomu AB, Stommel M, Siddiqi A, Prieto A, Corser W, Holmes-Rovner MM. Quality Improvement Efforts And Hospital Performance: Rates Of Beta-Blocker Prescription For Acute Coronary Syndrome. Presented at the Annual meeting of the Society for General Internal Medicine, Los Angeles, April 26-29, 2006.
- Dunn SL, Stommel M, Holmes-Rovner M, Corser WD. Hopelessness and its Effect on Cardiac Rehabilitation Exercise Participation Following Hospitalization for Acute Coronary Syndrome. Sigma Theta Tau Honor Society of Nursing 17th International Research Congress, Montreal, July 2006
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- Dunn SL, von Eye AA, Holmes-Rovner M. Depression and Hopelessness as Psychological Predictors of Exercise Frequency and Physical Functioning in Patients with Acute Coronary Syndrome. Presented, American Heart Association Annual Meeting, 2004.
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- French L, Smith M, Holtrop J, Holmes-Rovner M. Women's Views about Hormone Therapy in 2003: A Qualitative Study. Submitted to the North American Primary Care Research Group 32nd annual meeting, Orlando, October 10-12, 2004.
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- Holmes-Rovner M. SMDM in the development of the field and the careers of its members: Past Presidents' Panel. Society for Medical Decision Making. October 19-22, 2003, Chicago.
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MENTORING

Faculty Mentoring

Formal mentoring relationships of faculty, with sponsorship from professional and governmental agencies, include the following:

- Jinping Xu, MD, Associate Professor (Clinician-Educator Track since 2008), Department of Family Medicine and Public Health Sciences at Wayne State University School of Medicine. External Mentor in Faculty Development Program. 2013-present.
- Karen Kelly-Blake, PhD, Research Associate, Michigan State University College of Human Medicine, Center for Ethics. Co-mentor with Dr. Masahito Jimbo (University of Michigan) NIH Diversity Supplement, 9/1/2012-831-2015.
- Angela Fagerlin, PhD, Associate Professor, Associate Professor of Medicine University of Michigan, Co-Director, Center for Bioethics and Social Sciences in Medicine, Research Scientist, VA Ann Arbor Center for Clinical Management Research. Mentor, VA Career Development Award, 2008-2012.
- Richard Martin, MD, Associate Professor, Michigan State University College of Human Medicine, CHM Community Grant Program, 1/1/05-12/31/06, "Assessing and Integrating Health Literacy Competencies into Office Based Patient Decision Making for Rheumatoid Arthritis (RA)."
- Adesuwa Olomu, MD, Associate professor, Michigan State University Department of Medicine. Sponsorship: Minority Supplement to Translating Research: Patient Decision Support and Coaching. Agency for Health Care Research and Quality RO1 HS10531, 1/1/02-12/31/04. Subsequent Career Investigator Award KO8 HS 7/1/09-6/30/14. Promoted to Full Professor, April, 2014.
- Marjorie C. Weiss, Pharm D, Professor and Head of Pharmacy Practice, Department of Pharmacy and Pharmacology, University of Bath, UK. Mentor, Visiting Professor, Mid-career Award, National Health Service, UK. 2002.
- Susan Dunn, Associate Professor, Chair of Nursing, Hope College; PhD Candidate, Michigan State University. Sponsorship: Individual National Research Service Award (Received, US National Institutes of Health 2003). Appointed Department Chair, January, 2006. Promoted to Associate Professor of Nursing with tenure, Hope College, February, 2006.
- Linda French, MD, Professor and Chair, Department of Family Medicine, University of Toledo Sponsorship: American Academy of Family Practice, Grant Generating Project, 2001-2002.
- Mark Ebell, M.D. Professor, Assistant to the Provost, University of Georgia. Sponsorship: Robert Wood Johnson Generalist Scholars Award, 1999-2002
- Celia Wills, RN, PhD, Associate Professor and Grayce M. Sills Professor in Interdisciplinary Behavioral Health Nursing, Ohio State University (2008). NIMH K08 Award, 2000-2005 (Holmes-Rovner Primary Mentor)

Student Dissertation/Thesis Committees

Jenny Rogojanski, PhD, 2013. Psychology of patient decision making. Ryerson University, Toronto, Ontario. External Examiner.

Faith Fletcher, BS, MA (Bioethics, Humanities, and Society, MA 2006) Heidi Connealy (Anthropology, PhD Candidate 2009) Suzanne Schneider (Anthropology, PhD 2006)

Patrick Murtha, MA, PhD, Health Administration, (PhD, Central Michigan University, 2006). CEO, Tawas Hospital, Tawas Michigan, 2005.

Azfar Siddiqi, MD, PhD (Epidemiology, PhD 2007.) Research Associate, Centers for Disease Control and Prevention, 2008.

Mary Margaret Franklin, RN (Nursing, PhD candidate). Assistant Professor of Nursing, Wayne State University, 2005-2007.

Judi Fouladbakhsh, RN, PhD (Nursing, PhD 2006). Assistant Professor of Nursing, Wayne State University.

Kimberly Barber (Epidemiology, MS, 1998; Sociology PhD, 2004) Accepted position as director of Research, McLaren Hospital, Flint, MI 2004. Director of Research, Genesys Hospital System, Flint, Michigan.

Karen Kelly-Blake, PhD (Anthropology, PhD. 2008)

Evelyn Gladney (Nursing, PhD, anticipated 2008)

Susan Dunn (Nursing, PhD, 2006). Chair, Nursing Department, Hope College, Holland, MI.

Jill Dehlin (Education, Ph.D candidate)

Kathleen Oberst (Epidemiology, MS, 2000). PhD Epidemiology, 2005. Research Specialist, Institute for Health Care Studies, MSU.

Qin Chen, MS. (Epidemiology, MS, 2000). Statistician in pharmaceutical industry, 2000-2004.

Kathleen Ives, MS (Epidemiology, MS, 1999)

Mary Lynn Breer, PhD (Psychology, PhD, 1996)

Janelle Braatz, PhD (Kinesiology and Exercise Science, PhD, 1996)

CHM Medical Student Research Mentor

Alyson Greenwell, 2013

Akshay Srikanth, 2013

Neil Patel, 2011-2013

Katherine Benares, 2011-2013

Nandita Anand, 2009-2011

Emi Bulica, 2009-2011

Carolyn Marie Gaulden, 2009-2011

Jacob Peacock, 2009-2011

Alycia Ernst, 2009-2011

Neesha Kudchadker 2001-2003

John Wechter, 2000-2002

Veena Rao, 2000-2002

Binesa Shah, 2000-2002

<u>Undergraduate Research Mentor</u>

Jesse Whitfield, Professorial Assistant, MSU Honor's College, 2012-2014

Max Harder, Professorial Assistant, MSU Honor's College, 2012

Lisa Quillan, 1997-1999 (Research award winner, College of Natural Science Undergrauate Research Forum, for report of work with me on colorectal cancer screening).

Centers of Excellence in Minority Education

Justin Oneese, 2001

INVITED CORE METHODS

In March, 2003, the "Satisfaction With Decision" questionnaire was adopted as a core evaluation tool in UK program evaluation. The Satisfaction with Decision questionnaire (Holmes-Rovner M, Kroll J, Schmitt N, Rovner D, Breer L, Rothert M, Padonu G, Talarczyk G. Patient satisfaction with health care decisions: (The SWD scale). Med Decis Making. 1996:16(1);58-64.) was included in an evaluation toolkit the Medicines Partnership programme http://www.concordance.org/projects/resources. Last accessed, June, 2003.

The Medicines Partnership is a two-year initiative supported by the Department of Health in the United Kingdom which is aimed at encouraging patients and health professionals to work as partners in order to reach an agreement about illness and treatment. One of the objectives of the programme is to provide support to people running projects in the area of medicines partnership. The goal of the Task Force on Medicines Partnership is to support the implementation of medicines concordance into practice. It wants to demonstrate how medicines partnership can work in practice by:

- **Identifying existing projects** and supporting them
- **Facilitating new projects** in high priority areas, where there is the greatest potential for learning
- **Sharing project results** with Practitioners, managers and policy makers.

Part of the support provided to project organizers includes an evaluation toolkit to help them think about how best to evaluate their projects. The toolkit is available to them in both a downloadable and hard copy format. It includes copies of well designed relevant measures in the toolkit so that project organisers can adapt and use them to assess their projects. In including the SWD in the toolkit, the organizers indicated that, "We would like to include the Satisfaction with Decision questionnaire in the toolkit as it is one of the best, and most easy to use, measures of patient satisfaction with decision-making."

CURRICULUM/ ORGANIZATIONAL DEVELOPMENT

NATIONAL/INTERNATIONAL

Shared Decision-Making Forum

A founder of the <u>Forum</u>, (funded by the Nuffield Trust), a UK/North American "Think Tank" for the purpose of developing Shared Decision Making in Health Care. In the first year, overall objectives were:

- I. To summarize the contemporary state of the art in theory and practice of shared decision-making
- II. To develop a strategy for educating the next generation of researchers in shared decision-making
- III. To engage policy makers in the UK, the US and Canada in articulating the appropriate policy response to shared decision-making.

Objectives were accomplished in the form of numerous publications, the establishing of an electronic communication forum, and the Oxford Shared Decision-making Summer School. The work of the forum continues by means of a biennial meeting, the International Shared Decision Making meeting (Oxford 2001, Swansea Wales 2003, Ottawa 2005, Freiburg DRG 2007, Boston 2009), and the Shared-L Listserv hosted and managed from Michigan State University.

Shared Decision-Making in Health Care Summer School

One of the developers of a three-day international summer school held for the first time in July, 2001, at St. Catherine's College, Oxford. This international gathering of researchers and clinicians grew out collaboration during the sabbatical of Dr. Holmes-Rovner, Dr. Hilary Llewelyn-Thomas, Dr. Annette O'Connor, and Dr. David Rovner at the Picker Institute Europe and the Institute for Health Sciences in Oxford, January-July, 2000. The objectives of the newly established annual event are to 1) improve methods to engage patients in informed decision-making and 2) teach physicians and nurses shared decision-making skills. Participants at the inaugural session in 2001 came from the US, Canada, Wales, England, Scotland, Denmark, France, Germany, Italy, and Switzerland.

CONSUMER EDUCATION

MSU Patient Engagement Course: Getting the most from your doctor visit. ©

This course is designed for all health care consumers to teach the patient side of communication skills in the patient/physician encounter. The course is modeled after similar courses and workshops taught to medical students, and to health care professionals at professional meetings. Participants learn the structure of a clinical encounter and what the doctor is thinking when s/he asks questions about symptoms and medical history. "Role plays" allow participants to practice the best way to get all their concerns addressed in a brief doctor visit. Ways to prepare for a doctor visit and things to do after the visit are also presented. The course has been taught to Medicaid patients in a three-session course, with three hours per session, and as an offering of the MSU Evening College as one three-hour course.

MICHIGAN STATE UNIVERSITY COLLEGE OF HUMAN MEDICINE

MSU Virtual Practice ©

Information Management Theme in the College of Human Medicine 4 year medical school curriculum. Wrote original concept paper and organized faculty who began in 2001 to develop a new infrastructure for health professions curriculum innovation at MSU. The Virtual Practice is:

- a cross-college educational and research initiative developing a teaching electronic medical record (EMR), to merge practice and education in health professions education
- a virtual "laboratory" infrastructure for educational and research projects
- an opportunity for MSU to enhance its national leadership in educational innovation, distance learning technologies, outreach, and public service.

Development of the MSU Virtual Practice is being done within existing courses in the Colleges of Human Medicine, Osteopathic Medicine, and Nursing.

PCRnet, the Primary Care Research network.

Founded the Network with Mindy Smith, MD, Henry Barry, MD, and others in 1995. It evolved, joined GRIN, the Great Lakes Research Into Practice network in 1999. It is now the principle practice-based research network in the state of Michigan.

Evidence-Based Medicine (HM 890, now Epid 899)

Course Co-Director and a designer (1997) of master's level course in evidence-based medicine, outcomes research. A hands-on survey course, provided students the basics in evaluation of evidence, medical measurement, ROC analysis, decision analysis, cost effectiveness analysis, and meta-analysis.

<u>Cultural Diversity Research Experience</u>: Centers of Excellence in Minority Education. Designed and directed (1994-1998) a mentored summer research experience in minority health. Six to ten medical students work with established faculty investigators in on-going research. In addition to being full-time researchers, students participate in didactic seminars two half-days per week. The heart of the seminars is critical appraisal of student project proposals and published articles key to the students' research. Other topics include biostatistics, use of electronic resources, ethics of research, preparation of research presentations. A formal tenminute presentation concludes the summer, though students are encouraged to continue with preceptors across the medical school experience.

Social Context of Clinical Decisions (HM 546)

Course Co-Director and a principal designer (1993-1994) of a required four-year sequence in the medical curriculum to teach evaluation of the strength of evidence reported in the medical literature. Videotaped portions of the curriculum have been used in faculty development.

Year 1:Introduction to biostatistics.

Year 2:Introduction - causation, epidemiologic research design, sensitivity/specificity, decision analysis, cost-effectiveness analysis.

Year 3:Evaluation of diagnostic test results, screening, strengths and weaknesses of research designs, continuation of statistical concepts, electronic literature search, meta analysis; students participate in journal club, complete a literature review.

Year 4:Continue journal club, complete a research proposal. Research elective is available.

Human Development (HM 543)

Designed the two-week aging portion of a ten-week (60 hours) course in 1995 for use in year one using a bio-psychosocial approach to human development over the life course.

Clinical Skills (HM 523)

Introduced a module on evaluation of functional status of well elderly patients in 1985. First year medical students complete a functional status evaluation, history and limited physical exam in the homes of community dwelling elders. Module complements age-specific work-up: newborns, adolescents, adult health maintenance visit.

MSU SERVICE (1994-2012)

<u>University</u>

Member, Implementation Committee, Faculty Voice Report, 2005

Member, Executive Committee, Academic Governance, 2005

Member, Academic Council, 2005

Member, Faculty Council, 2005

University Committee on Faculty Tenure, 2003-2006; Chair, 2004.

Member, Honorary Degree Committee, 2002-2005

Reviewer, Intramural Research Grants Program, 2001-present

All University Research Initiation Grants. Social and Behavioral Science Panel Member, 1997-98, Reviewer, 1992-1997.

Member, University Awards Committee, 1997-2005

BioMedical Future Search Strategic Planning Process, Theme Team Co-Leader, 1997

Faculty Professional Women's Association, Member, 1997-present; Board of Trustees

Member, 1997-2000

Graduate School conflict resolution project, videotape production, 1997

Women's Resource Center Health Cluster, 1996-present

Sigma Xi, Awards Committee, 1996-1999

Institute for Managed Care ad hoc Research Task Force, 1996

Women's Advisory Committee to the Provost, Michigan State University, 1992-1995: Vice-

Chair 1993-94, Chair 1994-1995, Leadership subcommittee, 1996

Women's Advisory Committee to the Dean, College of Human Medicine, 1991-1993

College of Human Medicine

College Advisory Council, 2010-present.

Chair, Search Committee, Physician/Ethicist Center for Ethics and Humanities in the Life Sciences, 2006-2007.

Chair, Administration and Faculty Governance Committee, College of Human Medicine, LCME Accreditation Self-Study, 2005-2007.

Member, Curriculum Committee, Information Management Steering Committee, 2003-present.

Member, College-wide Promotion and Tenure Committee, 1997-2003

Member, Student Scholarship Rating Committee, 2001-2003

Faculty Theme Leader: Clinical decision making; Medical Scholars, 2002

Judge, Flint Area Hospital Research Day, 1999, 2001

Judge, McLaren Hospital Research Day, 1997, 1998

Chair, Faculty Seminar Series, Cost Effectiveness Analysis in Medicine and Health, 1997

Founder and first Chair, Primary Care Research Network, PCRNet, Chair, 1994-1996. This network became the Great Lakes Research Into Practice (GRIN), state-wide Michigan primary care research network.

Department of Medicine

Advisory Committee, 1995-2003

Executive Committee, 1997-1999

Department of Psychiatry Strategic Planning Committee, 1997

Faculty Mentor Program Coordinator, 1995-1998
Promotion and Tenure Committee, 1997-1999, 1994-1996 (Chair, 1995-1996)
Search Committees: Department of Medicine Chair, 1997-1998; General Internal Medicine, 1996; Endocrinology, 1995-1998, 2003-2004; Gastroenterology, 1997-1998;