

CURRICULUM VITAE

Karen Kelly-Blake, Ph.D.

Center for Ethics and Humanities in the Life Sciences and
Department of Medicine
Michigan State University College of Human Medicine
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AREAS OF RESEARCH

Health services research, shared decision-making, decision support, clinical communication skills and training, medical workforce policy and development, medical education curricula, faculty development, mobile health technology, social determinants of health, and men's health.

EDUCATION

Michigan State University, East Lansing, Michigan

Ph.D., Anthropology, 2008

Dissertation: Sexual (Dys)function and Benign Prostate Disease: Implications for Health Care Decision-Making

Advisor: Dr. Judy Pugh

M.A., Anthropology, 2006

Graduate Studies in Physiology, Michigan State University and Health Services Administration, Central Michigan University

College of Charleston, Charleston, South Carolina

Bachelor of Science in Biology, Minor in Psychology, 1990

PEER-REVIEWED PUBLICATIONS

Kelly-Blake K, Garrison N, Fletcher F, Ajegba B, Smith N, Brafford M, Bogdan-Lovis E.

2018 Rationales for expanding minority physician representation in the workforce: a scoping review. *Medical Education*. Available online 22 June 2018. <https://doi.org/10.1111/medu.13618>

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Zhang Y, Ruffin IV M. Correlates of patient intent and preference on colorectal cancer screening. *American Journal of Preventive Medicine*. Available online 3 February 2017. <http://dx.doi.org/10.1016/j.amepre.2016.11.026>

Adesuwa Olomu, William Hart-Davidson, Zhehui Luo, **Karen Kelly-Blake**, Margaret Holmes-Rovner.

2016 Implementing Shared Decision Making in Federally Qualified Health Centers: The Office-Guidelines Applied to Practice (Office-GAP) Program. *BMC Health Services Research* 16(1):1-12. <http://dx.doi.org/10.1186/s12913-016-1603-3>

- Kelly-Blake K**, Olomu A, Dwamena F, Dontje K, Henry R, Rovner DR, Rothert ML, Holmes-Rovner M.
2015 Development of a communication skills based workshop for Shared Decision-Making (SDM). *European Journal for Person Centered Healthcare* 3(4):529-542.
- Kelly-Blake K**, Clark S, Dontje K, Olomu A, Henry, RC, Rovner, DR, Rothert ML, Holmes-Rovner M.
2014 Refining a Brief Decision Aid in Stable CAD: Cognitive Interviews. *BMC Medical Informatics and Decision Making* 2014, 14:10. <http://www.biomedcentral.com/1472-6947/14/10>.
DOI: 10.1186/1472-6947-14-10.
- Jimbo M, **Kelly-Blake K**, Sen A, Hawley S, Ruffin IV M.
2013 Decision Aid to Technologically Enhance Shared Decision Making (DATES): study protocol for a randomized controlled trial. *Trials*, 2013 14:381. <http://www.trialsjournal.com/content/14/1/381>.
DOI: 10.1186/1745-6215-14-381.
- McCaffery KJ, Holmes-Rovner M, Smith SK, Rovner D, Nutbeam D, Clayman M, **Kelly-Blake K**, Wolf MS, Sheridan SL.
2013 Addressing health literacy in patient decision aids. *BMC Medical Informatics and Decision Making* 2013, 13(Suppl 2):S10, 29 November 2013, <http://www.biomedcentral.com/1472-6947/13/S2/S10>. DOI:10.1186/1472-6947-13-S2-S10.
- Jimbo M, Rana GK, Hawley S, Holmes-Rovner M, **Kelly-Blake K**, Nease DE Jr., Ruffin MT 4th.
2013 What is lacking in current decision aids on cancer screening? *CA: A Cancer Journal for Clinicians* 2013; 63(3):193-214.
- Dontje, K, **Kelly-Blake, K**, Olomu, A, Rothert, M, Dwamena, F, Henry, R, Rovner, D, Holmes-Rovner, M.
2013 Nurse-led group visits support shared decision-making in stable coronary artery disease. *Journal of Cardiovascular Nursing* 2013;28(3):269-276 10.1097/JCN.0b013e31824dca51.
- McCaffery K, Sheridan S, Nutbeam D, Clayman M, **Kelly-Blake K**, Holmes-Rovner M, Rovner D, Smith S, Wolf M. In Volk R & Llewellyn-Thomas H (editors).
2012 Update of the International Patient Decision Aids Standards (IPDAS) Collaboration's Background Document. Chapter J. <http://ipdas.ohri.ca/resources.html>.
- Holmes-Rovner, M, **Kelly-Blake, K**, Dwamena, F, Dontje, K, Henry, R, Olomu, A, Rovner, D, Rothert, M.
2011 Shared Decision Making Guidance Reminders In Practice (SDM-GRIP). *Patient Education and Counseling* 85 (2011) 219–224.
- Kelly-Blake, Karen**
2008 Sexual (Dys)function and Benign Prostate Disease: Implications for Health Care Decision-Making. Ph.D. Dissertation, Department of Anthropology, Michigan State University.
- Pylar, Jan, Wills, Celia, Lillie, Janet, Rovner, David, **Kelly-Blake, Karen**, Holmes-Rovner, Margaret
2007 Men's Interpretations of Graphical Information in a Videotape Decision Aid. *Health Expectations* 2007; 10:184-193.
- Karen Kelly-Blake**, Celia Wills, Margaret Holmes-Rovner, David Rovner, Janet Lillie, Crystal Price, Vence Bonham.
2006 Older Men and Sexual Function: Is BPH Treatment a High Stakes Decision? *International Journal of Men's Health* Spring 2006; 5(1): 93-101.

Margaret Holmes-Rovner, Chrystal Price, David R. Rovner, **Karen Kelly-Blake**, Janet Lillie, Celia Wills, Vence Bonham.

2006 Men's theories about BPH and prostate cancer following a BPH decision aid. *Journal of General Internal Medicine* 2006; 21:56-60.

Wills Celia, Holmes-Rovner, Margaret, Rovner, David, Lillie, Janet, **Kelly-Blake, Karen**, Bonham, Vence, Gilbert Williams.

2006 Treatment Preference Patterns During a Videotape Decision Aid for Benign Prostatic Hyperplasia (BPH). *Patient Education and Counseling* 2006; 61:16-22.

Margaret Holmes-Rovner, Sue Stableford, Angela Fagerlin, John T. Wei, Rodney L. Dunn, Janet Ohene-Frempong, **Karen Kelly-Blake** and David R. Rovner.

2005 Evidence-based patient choice: a prostate cancer decision aid in plain language. *BMC Medical Informatics and Decision Making* 2005; 5:16 (20 Jun 2005).

Rovner David R, Wills Celia E, Bonham Vence, Williams Gilbert, **Kelly-Blake Karen**, Williams Mark V, Margaret Holmes-Rovner.

2004 Decision Aids for Benign Prostatic Hyperplasia: Applicability across Race and Education. *Medical Decision Making* 2004; 24:359-366.

INVITED PUBLICATIONS

Olomu A, **Kelly-Blake K**, Hart-Davidson W, Holmes-Rovner M. Is Using Mobile Health Alone Sufficient to Enhance Patient Activation and Medication Adherence? *SGIM Forum* September 2018.

SUBMITTED

Khan NS, **Kelly-Blake K**, Luo Z, Olomu A. Sex Differences in Statin Prescribing in Diabetic and Heart Disease 2018 Patients in FQHCs: A comparison of the ATP III and 2013 ACC/AHA Cholesterol Guidelines. *Submitted to Journal of Primary Care and Community Health* June 2018.

Stacey Pylman, Randi Stanulis, Zakia Alavi, **Karen Kelly-Blake**, James Mayle. Active Learning 2018 Strategies for Medical Student Small Group Learning. *Submitted Med Ed Portal* March 2018.

IN PREPARATION

Alavi Z, **Kelly-Blake K**, Haque R. Small Group Learning in Medical Education: Anatomy of a Conflict.

Kelly-Blake K, Naz, Chahal, Kandola, Luo, Kavuturu, Olomu. Technology Readiness and Use in Federally Qualified Health Centers: are all patients equally ready?

Jimbo, Plegue, Sen, **Kelly-Blake**, Rapai, Ruffin. Shared Decision-Making and Colorectal Cancer Screening: What happens in the doctor's office?

Jimbo, Plegue, Sen, **Kelly-Blake**, Rapai, Ruffin. Does a decision aid to improve colorectal cancer screening need to be interactive? Outcomes from the DATES (Decision Aid to Technologically Enhance Shared Decision Making) study.

Kelly-Blake K, Clark S, Jimbo, M. Masculinity Perceptions and Colorectal Cancer Screening: Real or Imagined Barrier?

PRESENTATIONS

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Zhang Y, Ruffin IV M. Does shared decision making affect people's preference, intent, and adherence regarding colorectal cancer screening? Results from the DATES (Decision Aid to Technologically Enhance Shared Decision Making) study. Paper presented to the 40th Annual North American Meeting of the Society for Medical Decision Making, October 14-17, 2018, Montreal, QC, Canada.

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Zhang Y, Ruffin IV M. Does shared decision making affect people's preference, intent, and adherence regarding colorectal cancer screening? Results from the DATES (Decision Aid to Technologically Enhance Shared Decision Making) study. Paper presented to the 2018 North American Primary Care Research Group Annual Meeting, November 9-13, 2018 Chicago, IL.

Olomu A, **Kelly-Blake K**, Wang L, Hart-Davidson B, Stewart J, Chahal G, Alroshood Z, Rai M, Batarse B. Mobile Phone Texting Alone is Insufficient in Improving Adherence to Refills and Medication. Poster presented to the 2018 SGIM Annual Meeting, April 11-14, 2018 Denver, CO.

Olomu A, **Kelly-Blake K**, Wang L, Hart-Davidson B, Stewart J, Chahal G, Alroshood Z, Rai M. Is Using Mobile Phone Texting Alone Sufficient to Enhance Patient Activation? Poster presented to the 2018 SGIM Annual Meeting, April 11-14, 2018 Denver, CO.

Pylman S, Stanulis R, Alavi Z, **Kelly-Blake K**, Mayle J. Participation Strategies for Medical Student Small Group Learning. Poster presented to the 2018 Central Group on Educational Affairs (CGEA) Regional Meeting, March 21-23, 2018 Rochester, MN.

Khan Nazia Naz S., **Kelly-Blake Karen**, Chahal Gurpreet, Kandola Saman, Luo Zhehui, Olomu Ade B. Are all patients in Federally Qualified Health Centers equally ready to use Health Information Technology? Paper presented to the 2017 SGIM Annual Meeting, April 19-22, 2017 Washington, D.C.

Kelly-Blake K, Bogdan-Lovis L. Covert Costs of Racial and Ethnic Concordance in the Medical Workforce. Center for Ethics and Humanities in the Life Sciences Brownbag and Webinar Series. January 18, 2017, East Lansing, Michigan.

Kelly-Blake K, Bogdan-Lovis L, Garrison N, Fletcher F, Ajegba B, Smith N, Brafford N. Danger Talk: The "Danger Talk": The Covert Costs of Racial/Ethnic Concordance in the Medical Workforce. Paper presented to the 25th Joint National Conference of the National Association of African American Studies (NAAAS) and Affiliates, February 13-18, 2017, Dallas, Texas.

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Zhang Y, Ruffin IV M. Can an interactive decision aid improve colorectal cancer screening? Outcomes from the DATES (Decision Aid to Technologically Enhance Shared Decision Making) study. Paper presented to the 2016 North American Primary Care Research Group Annual Meeting, November 12-16, 2016, Colorado Springs, Colorado.

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Zhang Y, Ruffin IV M. Can an interactive decision aid improve colorectal cancer screening? Outcomes from the DATES (Decision Aid to Technologically Enhance Shared Decision Making) study. Paper presented to the 38th Annual North American Meeting for the Society for Medical Decision Making, October 23 - 26, 2016, Vancouver, BC, Canada.

Bogdan-Lovis L, **Kelly-Blake K**, Fletcher F, Garrison N, Ajegba B, Smith N, Torres J, Brafford M. Medicine's Mirror Image Agenda: Covert Costs of Racial/Ethnic Concordance in the Medical Workforce. Paper presented to the 18th Annual Meeting of the American Society for Bioethics and Humanities, October 6-9, 2016, Washington, D.C.

Olomu A, Khan N, **Kelly-Blake K**, Kavuturu S, Luo Z. Are there gender-based differences in prescribing statins in Federally Qualified Health Care Centers? Evidence from Office-Guidelines Applied to Practice (Office-GAP). Poster presented (Top Ten) to SGIM Annual Meeting May 11-14, 2016, Hollywood, Florida.

Kelly-Blake K, Bogdan-Lovis L, Fletcher F, Garrison N, Ajegba B, Smith N, Torres J. Identity Complexities: Unpacking Concordance in the Medical Workforce. Paper presented to the 17th Annual Meeting of the American Society for Bioethics and Humanities, October 22-25, 2015, Houston, Texas.

Jimbo M, Sen A, Plegue M, **Kelly-Blake K**, Rapai M, Zhang M, Hawley S, Zhang Y, Ruffin IV M. Determinants of Patient Intent and Preference Regarding Colorectal Cancer Screening: Baseline Findings From the DATES (Decision Aid to Technologically Enhance Shared Decision Making) Study. Paper presented to the 37th Annual North American Meeting of the Society for Medical Decision Making, October 18-21, 2015, St. Louis, Missouri.

Jimbo M, Sen A, Plegue M, Hawley S, **Kelly-Blake K**, Rapai M, Zhang M, Ruffin IV M, Zhang Y. Determinants of Patient Intent and Preference Regarding Colorectal Cancer Screening: Baseline Findings From the DATES (Decision Aid to Technologically Enhance Shared Decision Making) Study. Paper accepted to the 2015 Annual Meeting of the North American Primary Care Research Group, October 24-28, 2015, Cancun, Mexico.

Kelly-Blake K, Woods K, Ruffin IV M, Jimbo M. How do African-American Patients Perceive the use of Health Information Technology in their Doctor's Office? A Telephone Interview Study. Poster presented to the 2015 Academy Health Annual Research Meeting, June 13-17, 2015, Minneapolis, Minnesota.

Kelly-Blake K, Jimbo M, Woods K, Ruffin IV M. African American Patients' Perception of Health Information Technology Use In Their Doctor's Office: A Qualitative Analysis of Telephone Interviews. Poster presented to the 2015 National Conference of the National Association of African American Studies and Affiliates, February 9-14, 2015, Baton Rouge, Louisiana.

Kelly-Blake K, Jimbo M, Woods K, Ruffin IV M. African American Patients' Perception of Health Information Technology Use In Their Doctor's Office: A Qualitative Analysis Study. Poster presented to the 37th Annual Michigan Family Medicine Research Day Conference, May 22, 2014, Howell, Michigan.

Jimbo M, Plegue M, Sen A, Hawley S, **Kelly-Blake K**, Ruffin IV M. Can an Interactive Decision Aid Improve Shared Decision Making? Baseline Results from DATES (Decision Aid to Technologically Enhance Shared Decision Making). Paper presented to the Society for Decision Making Asia-Pacific Conference, January 6-8, 2014, Singapore.

Jimbo M, Elwyn G, **Kelly-Blake K**, Hawley S, Ruffin IV M. Observer Option Patient: Development of a New Tool to Evaluate Shared Decision Making. Poster presented to the 2013 Annual Meeting of the North American Primary Care Research Group, November 9-13, 2013, Ottawa, Ontario.

Jimbo M, Rana G, Hawley S, Holmes-Rovner M, **Kelly-Blake K**, Nease D, Ruffin IV M. Do Decision Aids On Cancer Screening Affect Shared Decision-Making? Paper presented to the 2013 Annual Meeting of the

North American Primary Care Research Group, November 9-13, 2013, Ottawa, Ontario.

Bogdan-Lovis, L and **Karen Kelly-Blake**.

Autonomy's Child: Exploring the Bounded Warp and Woof of Shared Decision-making. Paper presented to the American Society for Bioethics and Humanities 15th Annual Meeting, October 24-27, 2013, Atlanta, GA.

Jimbo M, Plegue M, Sen A, Hawley S, **Kelly-Blake K**, Ruffin IV M. Can an Interactive Decision Aid Improve Shared Decision Making? Preliminary Baseline Results from DATES (Decision Aid to Technologically Enhance Shared Decision Making). Poster presented to the 35th Annual Meeting of the Society for Medical Decision Making, October 20-23, 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? Poster presented to the 21st Cochrane Colloquium, September 19-23, 2013, Quebec, Canada.

Jimbo M, Sen A, Hawley S, Strecher V, Rapai M, **Kelly-Blake K**, Ruffin IV M. Decision Aid to Technologically Enhance Shared Decision Making (DATES): Preliminary Baseline Results. Poster presented to the National Cancer Institute and Centers of Excellence in Cancer Communication Research Grantee Meeting, August 19-21, 2013, Ann Arbor, MI.

Jimbo M, Sen A, Hawley S, Strecher V, Rapai M, **Kelly-Blake K**, Ruffin IV M. Decision Aid to Technologically Enhance Shared Decision Making. Poster presented to the National Cancer Institute and Centers of Excellence in Cancer Communication Research Grantee Meeting, August 19-21, 2013, Ann Arbor, MI.

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: Systematic Review of the Literature. Paper presented to the 7th International Shared Decision Making Conference, June 16-19, 2013, Lima, Peru.

Kelly-Blake, K. Shared Decision-Making: The Gold Standard in Patient-Centered Care, But Is it Achievable?

Webinar presented at the Michigan State University Center for Ethics and Humanities in the Life Sciences Brown Bag Lecture Series, December 12, 2012.

Kelly-Blake, K. Health Care Disparities. Poster presented at the Michigan State University College of Human Medicine Curriculum Poster Session, February 1, 2012, East Lansing, MI.

Kelly-Blake, K., Holmes-Rovner, M, Dwamena, F, Dontje, K, Henry, R, Olomu, A, Rovner, D, Rothert, M.

Shared Decision Making: Piloting an implementation model in primary care for stable coronary artery disease (CAD). Paper presented at the 6th International Shared Decision Making Conference, June 19-22, 2011, Maastricht, The Netherlands.

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, Denver, CO.

Dontje, K, Homes-Rovner, M, Kelly-**Blake, K.**, Rothert, M. Patient characteristics associated with SDM in CAD. Poster presented to the 2010 State of the Science Congress on Nursing Research, September 27th-29th, 2010, Washington, DC.

Moderator

Curriculum Vitae for K Kelly-Blake

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Domestic AIDS: Multiple Voices on the National Scene

No Place to Hide: Student Activism and the Fight Against the Global AIDS Pandemic, Michigan State University, March 24-25, 2006.

DR, Rovner, J Pylar, CE Wills, J Lillie, **K Kelly-Blake**, M Holmes-Rovner.

Accuracy of Graph Interpretation in a Decision Aid. Presented at the Society for Medical Decision Making Conference, San Francisco, California, October 2005.

C Wills, M Holmes-Rovner, D Rovner, J Lillie, **K Kelly-Blake**, V Bonham, G Williams.

Stability and Change in Men's Benign Prostatic Hyperplasia (BPH) Treatment Preferences in Response to a Videotape Decision Aid. Presented at the 3rd International Shared Decision Making Conference, Ottawa, Canada, June 14-16, 2005.

M Holmes-Rovner, C Price, D Rovner, **K Kelly-Blake**, J Lillie, C Wills, V Bonham.

Persistence of men's theories about BPH and prostate cancer following a decision aid. Presented at the 3rd International Shared Decision Making Conference, Ottawa, Canada, June 14-16, 2005.

K Kelly-Blake, M. Holmes-Rovner, D.R. Rovner, C. Wills, V. Bonham, G. Williams, J. Lillie, Chrystal Price.

Does Benign Prostatic Hyperplasia (BPH) Threaten Male Sexuality? : Decision Making Strategies of Older Men. Presented at the National Association of African American Studies & Affiliates Conference, Houston, TX, February 2003.

V. Bonham, D. Rovner, M. Holmes-Rovner, C. Wills, J. Lillie, E. Gladney, **K. Kelly-Blake**.

Communicating to improve Patient Decision-making: Where Black and White Men Seek Prostate Health Information. Presented at the Meeting of Academy Health, Nashville, TN June 27-29, 2003.

M. Holmes-Rovner, D. Rovner, J. Ohene-Frempong, S. Stableford, **K Kelly-Blake**, M.

Verlarde, W. Underwood, JT Wei.

A patient-centered approach to decision support for early stage prostate cancer (PCA) treatment: feedback from patients and the public. Presented at the CDC 2003 Cancer Conference, Atlanta, GA, September 15-18, 2003.

M. Holmes-Rovner, D. Rovner, C. Willis, J. Lillie, V. Bonham, **K. Kelly-Blake**.

Iconographic-Numeric Optimization (INO): a principle to guide decision support design. Presented at the 2nd International Shared Decision Making Conference, Swansea, Wales, September 2-4, 2003.

Holmes-Rovner M, Rovner DR, Ohene-Frempong J, Stableford S, **Kelly-Blake K**, Verlarde M, Underwood W,

Wei JT. A patient-centered approach to decision support for early stage prostate cancer (PCA) treatment: feedback from patients and the public. Presented at the Michigan Cancer Consortium conference, October 17, 2003, Detroit, MI.

PUBLISHED ABSTRACTS

DR Rovner, M Holmes-Rovner, C Wills, V Bonham, G. Williams, J Lillie, **K Kelly-Blake**.

Informed Decision Making: Role of ethnicity and education. Presented at the 24th Annual Meeting of the Society for Medical Decision Making, Baltimore, MD October 19-23, 2002. *Medical Decision Making* 2002;22(6):560.

OTHER PUBLICATIONS

Bogdan-Lovis L. **Kelly-Blake K**. McDaniel L. "Medical Workforce Diversity and the Professional Entry Tax:

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Bogdan-Lovis and Kelly-Blake - Episode 6." *No Easy Answers in Bioethics*. February 2018. Available at: <http://bioethics.msu.edu/podcasts/95-podcast/345-ep-06>.

Kelly-Blake, K. White Horse, White Faces: The Decriminalization of Heroin Addiction. MSU Center for Ethics Bioethics in the News. <https://msubioethics.com/2016/07/21/decriminalization-of-heroin-addiction/>. Posted July 21, 2016.

Kelly-Blake, K. Racism and the Public's Health: Whose Lives Matter? MSU Center for Ethics Bioethics in the News. <http://msubioethics.com/2015/07/23/whose-lives-matter/>. Posted July 23, 2015.

Kelly-Blake, K. Concussion in the NFL: A Case for Shared Decision-Making? MSU Center for Ethics Bioethics in the News. <http://msubioethics.com/2014/07/24/concussion-in-the-nfl/>. Posted July 24, 2014.

Kelly-Blake, K. Overdosing on Prescription Pain Killers: Dying for Pain Relief? MSU Center for Ethics Bioethics in the News. <http://msubioethics.com/2013/07/26/overdosing-on-prescription-painkillers-dying-for-pain-relief/>. Posted July 26, 2013.

AWARDS/FELLOWSHIPS

- | | |
|-----------|--|
| 2014 | Best Poster Presentation by a Faculty/Teacher, 37 th Annual Michigan Family Medicine Research Day |
| 2008 | Dissertation Completion Fellowship, Michigan State University Graduate School, Spring Semester |
| 2005 | ALANA/GradOf/Fellow Michigan State University Graduate School Summer Acceleration Fellowship, Summer |
| 2001 | American Anthropological Association Travel Grant for Minority Recruitment, Michigan State University (\$800.00) |
| 1998-2001 | Minority Doctoral Candidate Fellowship, Michigan State University |

RESEARCH

- | | |
|--------------|--|
| 2014-present | Assistant Professor, Health Services/Shared Decision-Making Research Program, Center for Ethics and Humanities in the Life Sciences and the Department of Medicine, College of Human Medicine, Michigan State University
Develop a program of funded research in the fields of health services research, shared decision-making, and bioethics; submit grant proposals as Co-Investigator/Co-PI with colleagues and mentors; continue DATES research; publish and disseminate research findings in peer-reviewed journals and at national conferences; supervise research assistants; assist in the development and implementation of the Clinical Ethics Consultation Workshop Series; assist in the design, content, and implementation of the SCCD components in the new CHM SDC curriculum; conduct SIM debriefings; review, edit, and revise curriculum modified PBLs; preceptor for CHM courses (Ethics, Health Policy, and Integrative Judging); sit on search committees for new faculty. |
| 2011-2014 | Research Associate, Health Services/Shared Decision-Making Research Program, Center for Ethics and Humanities in the Life Sciences, College of Human Medicine, Michigan State University |

Develop a program of funded research in the fields of health services research, shared decision-making, and bioethics; submit grant proposals as Co-Investigator/Co-PI with colleagues and mentors; perform qualitative analyses and interview patients for DATES research; lead research administration and completion of pilot studies at MSU and at Mercy Port Huron PHO to establish feasibility and estimate impact of the Office-GAP model of shared decision-making and guideline implementation in cardiovascular disease; publish and disseminate research findings in peer-reviewed journals and at national conferences; submit career development grant proposal focused on shared decision-making, bioethics, and ethnopedemiology of health disparities; supervise research assistants; assist in the development and implementation of the Clinical Ethics Consultation Workshop Series; assist in the design, content, and implementation of the Ethics components in the new CHM curriculum; teach CHM courses (Ethics and Health Policy).

- 2009-2011 Project Manager, Coronary Artery Disease Decision-Making in Primary Care (CAD-SDM), Center for Ethics and Humanities in the Life Sciences, College of Human Medicine, Michigan State University, CHRT
Margaret Holmes-Rovner, PhD, P.I.
Managed development of research instruments/surveys; managed research data collection and developed, maintained, and organized research databases; managed research budget; directed day-to-day operations of research office and organized functions of research team; drafted IRB and CME applications; kept minutes of weekly research meetings; developed collaborative partnerships with clinic sites and office staff for recruitment; organized physician and patient recruitment protocols; assisted the PI with delegating responsibility for tasks; followed-up with team members to meet deadlines; assisted in the content and design development of the stress test decision guide; coordinated the implementation of decision tools into the EMR for research sites; conducted cognitive interviews with patients about decision tools; conducted participant observation in clinic research sites; responsible for all ethnographic data collection and analysis; coordinated and co-led the shared decision-making training protocol for providers; wrote progress reports; drafted grant proposals and articles; disseminated research findings at national conferences; supervised research assistants.
- 2001-2006 Research Assistant, Department of Medicine, Division of Health Services Research, Health Information and Patient Decision-Making Project (HIPD), Michigan State University, (AHRQ RO1 (HS10608) "Information Interpretation in Patient Decision Support" Margaret Holmes-Rovner, P.I. and Vence Bonham, Co-P.I.)
Developed the coding methodology for the project using QSR N5 software. Designed the codebook, and coded transcribed interviews for the project. Scheduled interviews for the participants. Assisted with planning and organizing the MSU Men's Health Fair. Recruited men for participation in the research project. Analyzed data.
- 2005 Research Consultant/Focus Group Facilitator, Nutrition Education Awareness for Toddlers (NEAT), College of Nursing, Michigan State University (Millie Horodyski, P.I.)
Provided technical assistance to the project research team on using QSR N5 qualitative software for coding data; facilitated focus groups in Detroit and Jackson, MI.
- 2004 Research Consultant, Prevention of Weight Gain Study, College of Nursing, Michigan State University (Mei-Wei Chang, P.I.) Provided technical assistance to the Principal Investigator on the use of QSR N5 qualitative software for coding data.

Research Consultant, The Michigan Genetics Education and Evaluation Project, Department of Medicine, Michigan State University (Othelia Pryor, P.I.) East Lansing, MI
Coded and analyzed data of community dialogue sessions. Wrote summary reports of focus group data.

- 2002 Evaluation Consultant, Housing and Urban Development, DB Consulting, Flint, MI
Administered surveys to users of the HUD kiosk in order to ascertain utilization rates and a cost/benefit analysis of the kiosk for the Flint community.
- 1999 Research Assistant, Julian Samora Research Institute (JSRI) Migrant Clinic Study, Michigan State University, (Ann V. Millard, P.I.)
Conducted literature review searches on migrant farm worker health, also conducted interviews with migrant farm workers on farms in Michigan.

TEACHING

- 2016-present Shared Discovery Curriculum Learning Society Fellow, College of Human Medicine, Michigan State University, East Lansing, Michigan
- 2015-present Lecturer, Psychiatry Resident Seminar (PGY2), Michigan State University, East Lansing, Michigan
- 2011-2016 Preceptor, College of Human Medicine, Michigan State University, East Lansing, Michigan
Spring Semester, Health Policy (HM 547)
Facilitate health policy module for second year medical students.
- Preceptor, College of Human Medicine, Michigan State University, East Lansing, Michigan
Fall Semester, Social Context of Clinical Decisions (HM 546)
Facilitate ethics module for second year medical students.
- Preceptor, College of Veterinary Medicine, Michigan State University, East Lansing, Michigan
Fall Semester, Ethical and Animal Welfare Issues in the Veterinary Profession (VM 513)
Facilitate ethics small group discussions for second year veterinary medical students.
- 2006 Instructor, Department of Anthropology, Michigan State University
East Lansing, Michigan
Spring 2006, Religion and Culture (ANP 422)
Designed and taught an upper-level seminar course analyzing major theoretical approaches to the anthropological study of religion. Readings and lectures covered the spectrum from magic, myth, and ritual, to fundamentalist religious ideology in politics, Islam, and religion and the African American experience.
- 2005 Instructor, Department of Anthropology, Michigan State University
East Lansing, Michigan
Fall 2005 Sociocultural Diversity (ANP 201)
Designed and taught an introduction to cultural anthropology, its central concepts, and methods; examine how anthropologists and non-anthropologists conceptualize and write about culture and diversity; and explore the moral and ethical questions faced by cultural anthropologists in the course of their work. Supervised the work of teaching assistant in a class of 175 students.
- Instructor, Department of Anthropology, Michigan State University
East Lansing, Michigan
Spring 2005 Culture, Health, and Illness (ANP 370)
Designed and taught an upper-level introductory course in medical anthropology. Surveyed traditional and biomedical health systems in Western and non-Western settings. Supervised the work of teaching assistant.

- 2004 Instructor, Department of Anthropology, Michigan State University
East Lansing, Michigan
Fall 2004 Food, Hunger, and Society (ANP 470)
Designed and taught an upper-level seminar course analyzing the various social, economic, political, and cultural factors that affect the production and distribution of food.
- Instructor, Department of Anthropology, Michigan State University
East Lansing, Michigan
Summer Session I Gender Relations in Comparative Perspective
(ANP 220)
Designed and taught an introduction to gender relations in different cultures and exploring the economic and domestic division of labor between the sexes as a factor underlying power differentials.
- Advisor, Independent Study Project, Department of Anthropology, Michigan State University,
East Lansing, Michigan
Summer I 2004
Supervised a senior student completing requirements for the Women and Health:
Anthropological Perspectives class. Assisted the student with developing, organizing, and
writing a term paper.
- 2003 Teaching Assistant, Center for Integrative Studies in Social Science, Michigan State University,
East Lansing, Michigan State University
Fall 2003 Global Diversity and Interdependence (ISS 315)
Maintained class attendance, setup and maintained class gradebook, monitored all exams,
assisted students with problem solving.
- 2001 Teaching Assistant, Department of Anthropology, Michigan State University, East Lansing,
Michigan
Spring 2001 Culture, Health, and Illness (ANP 370)
Maintained class attendance, setup and maintained class gradebook, monitored all exams,
assisted students with problem solving.
- 2000 Teaching Assistant, Department of Anthropology, Michigan State University, East Lansing,
Michigan
Fall 2000 Women and Health: Anthropological Perspectives (ANP 270)
Maintained class attendance, setup and maintained class gradebook, assisted with writing class
exams; monitored all exams, assisted students with problem solving; gave some lectures.
- Teaching Assistant, Department of Anthropology, Michigan State University, East Lansing,
Michigan
Spring 2000 Social Differentiation and Inequality (ISS 215)
Maintained class attendance, setup and maintained class gradebook, assisted with writing class
exams; monitored all exams, assisted students with problem solving.
- 1999 Teaching Assistant, Department of Anthropology, Michigan State University, East Lansing,
Michigan
Fall 1999 Women and Health: Anthropological Perspectives (ANP 270)
Maintained class attendance, setup and maintained class gradebook, assisted with writing class
exams; monitored all exams, assisted students with problem solving; gave some lectures.
- Teaching Assistant, McNair/SROP Program, Michigan State
University, East Lansing Michigan

Assisted students in developing summer research proposals and helped them organize their data to write a final research paper.
Acted as an advisor for an individual student's research project and provided direction for the completion of the final paper.

METHODOLOGICAL EXPERIENCE

QSR N5, QSR NVivo, and Dedoose Qualitative Analysis Software
Developing coding methodology
Developing codebooks
Focus Group Research
Transcribing Interviews and Focus Groups
Text Analysis
Training others in Transcription and Coding
Conducting Interviews
Scoping Review

EMPLOYMENT IN MEDICAL ORGANIZATIONS

2005-2009 Thoracic and Cardiovascular Institute (TCI), Medical Records Transcription, Lansing, Michigan
Transcribed physician dictation and downloaded dictation to patient EMR; scanned paper medical records into EMR; filed physician dictation; trained co-workers to transcribe dictation; maintained electronic medical record of research protocol patients; managed loose file medical records database; researched and organized physician information for Castelle FaxPress, ActiveFax, Lotus Approach, and ECIS Plus Integrated Cardiology Solutions V6; billed EKGs; formatted and completed electrophysiology cardioversion reports; reviewed vascular reports for accuracy and distributed to ordering and referring physicians; received requests for release of medical records and distributed records to requesting party; relief receptionist and operator, and trained new employees.

1995-1998 Vitalink Pharmacy, Medical Records Specialist/Data Entry Technician, Lansing, Michigan
Developed medical record charts according to nursing facility requirements; maintained a master file of each facility's medical records form requirements; input diet, medication, and treatment changes and other information provided relevant for the medical record; reviewed monthly medical records surveys and resolved any customer service problem areas; provided in-service support to nursing facilities, and data entered all incoming prescriptions from nursing facilities.

06/90-9/90 Roper Hospital, Inc., Medical Records Clerk, Charleston, South Carolina
Assembled, analyzed, and abstracted patient medical records; processed and delegated patient information requests, and filed the patient admissions index.

PROFESSIONAL SERVICE

2018-present MSU CHM Reappointment, Promotion and Tenure Committee
2018-present MSU CHM Admissions Committee, Co-Chair
2015-2018 MSU CHM Admissions Committee, Member
2018 MSU CHM Student Scholarship Committee

- 2016-present Shared Discovery Curriculum, Student Competence Committee, Chair
- 2015-present CHM Department of Medicine Seed Funding Review Committee
- 2014-2016 Michigan Cancer Consortium Data Collection Subcommittee
- 2014-2016 MSU CHM College Advisory Council
- 2014-2015 MSU CHM Conflict of Interest Committee
- 2013-2014 MSU CHM LCME Self-Study Steering Committee
As a member of the steering committee, I participated in evaluating the MSU CHM as it underwent an institutional self-study for its LCME accreditation visit.
- 2013 MSU CHM Diversity and Inclusion Task Force
As a Task Force member, I participated in developing a set of written recommendations that address the college's continued efforts to diversity and inclusion regarding students, staff, and faculty.
- MSU CHM Summer Scholarships and Stipends Review Committee
As a member of this board, I reviewed medical student health equity research proposals to determine selection for summer diversity research scholarships and Center for Excellence Underrepresented Minority (COE URM) stipends.
- 2012 MSU CHM Medical Education Scholarship Group
As a member of this group, I worked to develop and support scholarship related to the College of Human Medicine's educational program.
- Sparrow Hospital Ethics Committee—Interim Member
As an interim member of the Ethics Committee, I worked to develop and implement Ethics policies for the hospital, develop Ethics Consultation materials, and communicate and highlight the role of the Ethics Committee in providing quality care.
- MSU CHM Special Consideration Review Committee for Community Assignment
As a member of the Special Consideration Review Committee, I reviewed applications from students entering Block III to consider special circumstances for their clinical community placement.
- 2011-2015 MSU CHM Curriculum Advisory Committee
As a member of the Curriculum Advisory Committee, I worked to address the competency-based curriculum national mandate and advise on the content, design, and implementation of the new curriculum.
- 2011-2013 The Office of Student Affairs and Services (OSAS) for the College of Human Medicine, Michigan State University—Student Scholarship Rating Committee
As a member of the Student Scholarship Rating Committee, I reviewed and ranked applicants using the criteria set forth by the individual donors and the CHM Development Office to determine scholarship recipients.

2010-2012 Council on Diversity Education (CODE), College of Human Medicine (CHM), Michigan State University (MSU)
As a member of this council, I worked to improve diversity in student and faculty recruitment and in the medical education curriculum.

JOURNAL REVIEWER

The International Journal for Quality in Health Care
Patient Education and Counseling
Body and Society
Health Communication
Health Expectations
PLOS ONE
American Journal of Men's Health
BMC Medical Informatics and Decision Making
BMC Research Notes
Medical Decision Making
BMC Medical Education
Health Equity

GRANTS AND PROPOSALS

The Greenwall Foundation

How early is too early? The ethical implications of current practices regarding the timing of DBS in PD
Cabrerera (PI) LOI submitted 6/20/18 Not funded 10%

The goal of this study is to determine patient and clinician attitudes and values, in order to develop informed recommendations for the ethical use of "earlier" DBS. \$200,000

Role: Co-Investigator

NIH/NHLBI R01

Testing the efficacy of mHealth and patient engagement in improving medication adherence

Olomu (PI) 7/1/18-6/30/23 Not funded 10%

The goal of this study is to evaluate the impact of Office Guidelines Applied to Practice (Office-GAP) and mobile phone messaging reinforcement (CareSmarts) on medication adherence, in minority and low-income patients with diabetes. \$3,847,115

Role: Co-Investigator

NIH/NINR R01

Using Mobile Health Tools to Improve Health Outcomes in Underserved Patients with Diabetes

Olomu (PI) 7/1/18-6/30/23 Not funded 10%

The objective of this project is to evaluate the impact of Office Guidelines Applied to Practice (Office-GAP) and mobile phone text messaging reinforcement (CareSmarts) on patient-provider communication and patient activation, in minority and low-income patients with diabetes. \$3,855,509

Role: Co-Investigator

MSU Department of Medicine Seed Funding Initiative

The Googling Patient

Kelly-Blake (PI) 1/16/17-1/15/18 Not funded 10%

The objective of this study is to understand and identify both cancer patient/survivors' and oncologists/nurses' perceptions of the impact of internet source information on their decisions and communication in the clinical encounter. \$10,337

NIH/NHLBI R01
Improving Medication Adherence Among Underserved: Engagement and Technology
Not funded 5%
Olomu (PI) 7/1/17-6/30/22

The goal of this project is to conduct a cluster randomized trial to evaluate patient activation and mobile reinforcement, evaluate user experience, and to conduct a cost analysis of these interventions in a network of Federally Qualified Health Clinics in Michigan. \$3,843,854
Role: Co-Investigator

MSU CTSI
The Googling Patient
Kelly-Blake (PI) 3/1/16-8/31/16 Not funded 10%
The objective of this study is to understand and identify both cancer patient/survivors' and oncologists/nurses' perceptions of the impact of internet source information on their decisions and communication in the clinical encounter. \$15,122

NIH/NCI
Decision Aid to Technologically Enhance Shared Decision Making (DATES)
Funded 25%
NIH R01CA152413 Jimbo (PI) 4/1/15-8/31/16
The goal of this project is to describe physician communication about colorectal cancer screening options with patients previously exposed to a web-based decision aid in order to improve screening uptake and follow-through. \$2,696,612
Role: Co-Investigator

NIH/NHGRI R01
Public Preferences for Addressing Donors' Moral Concerns about Biobank Research
Funded 5%
NIH R01-HG007172 Tomlinson (PI) 9/20/2013-6/30/2016
The goal of this project is to determine what effect particular non-welfare interests have on the willingness to donate to biobanks. \$1,602,834
Role: Co-Investigator

Norman Kagan Endowed Scholarship in Graduate and Professional Studies
Men's Health and Masculinity: Implications for Colorectal Cancer Screening
Funded
Kelly-Blake (PI) 6/30/14-7/1/15
The goal of this project is to conduct a small sample size secondary data analysis of recorded clinical encounters to examine how men and primary care physicians discuss colorectal cancer screening options.
\$3000

NIH/NHLBI R01
Improving Medication Adherence Among Underserved: Engagement and Technology
Not funded 5%
Olomu (PI) 7/1/16-6/30/21

The goal of this project is to conduct a cluster-randomized trial to evaluate patient activation and mobile reinforcement, evaluate user experience, and to conduct a cost analysis of these interventions in a network of Federally Qualified Health Clinics in Michigan. \$3,807,434
Role: Co-Investigator

NIH/NCI R03
Men's Health, Masculinity Perceptions, and Colorectal Cancer Screening
Not funded 33%
Kelly-Blake (PI) 12/1/14-11/30/16
This goal of this project is to analyze transcribed audio recordings of doctor visits collected in a previous study to better understand how men's masculinity perceptions may inform their decision to participate in colorectal cancer screening. \$153,500

PCORI	Not funded	
Improving Adherence to Effective Coronary Heart Disease Prevention Strategies in Underserved Diabetics		
	Olomu (PI) 1/1/14-12/31/16	
The goal of this project is to conduct a randomized community clinical trial to test how well patient activation and reinforcement programs work in a network of Federally Qualified Health Clinics in Michigan. \$2,000,000		
Role: Co-Investigator		
NCI Research Supplement to Promote Diversity in Health-Related Research	Funded	74%
Decision Aid to Technologically Enhance Shared Decision Making (DATES)		
NIH 3R01CA152413	Kelly-Blake (PI) 9/1/12-8/31/14	
This investigation will identify what information the physicians delivered, how that information compares with the information provided in a web-based decision aid, and what the patients ultimately preferred and decided during the clinical encounter about colorectal cancer screening. \$264,573		
Role: PI		
NIH/NCI	Funded	10%
Decision Aid to Technologically Enhance Shared Decision Making (DATES)		
NIH R01CA152413	Jimbo (PI) 9/1/14-3/31/15	
The goal of this project is to describe physician communication about colorectal cancer screening options with patients previously exposed to a web-based decision aid in order to improve screening uptake and follow-through. \$652,518		
Role: Co-Investigator		
AHRQ R03	Funded	1% (contributed)
Clinical Communication Following a Decision Aid		
1R03HS021764-01	Holmes-Rovner (PI) 10/1/12-9/30/13	
The goal of this study is to investigate the impact of physician-generated informed decision making on patient decision outcomes performing a secondary analysis of transcripts of audio-taped conversations between urologists and their patients who are deciding on treatment for early stage prostate cancer. \$99,990		
Role: Co-Investigator		
Medicaid Innovation Grant—Spectrum Health	Not funded	25%
Perinatal Care	Roman (PI) 10/1/12-9/30/17	
The goal of this project is build a transformative model of Perinatal Care for Medicaid insured women to improve birth outcomes, reduce persistent birth disparities, improve women's health and health care, and reduce Medicaid costs. \$1.2M		
Role: Co-Investigator		
Michigan State University Clinical and Translational Sciences Institute (CTSI)	Funded	50%
Changing community practice when the research evidence changes	Holmes-Rovner (PI) 1/4/11-8/31/11	
MSU GAO 13443 sub: T1CTS		
The goal of this study is to refine and evaluate our approach based on prior development of an intervention to improve appropriateness of test and procedure utilization in stable CAD in one academic and one community setting before testing the impact on utilization and patient health outcomes in a broader population. \$24,857		
Role: Co-investigator/Project Manager		
Center for Healthcare Research and Transformation (CHRT)	Funded	25%
Coronary Artery Disease Decision-Making in Primary Care	Holmes-Rovner (PI) 4/1/09-12/31/10	
MSU 61-9746		

The goal of this study was to test the feasibility of implementing a shared decision-making intervention for stable CAD management in primary care practice. \$186,900
Role: Project Manager

Foundation for Informed Medical Decision Making (FIMDM) Not funded
Shared Decision making implementation models: Coach-led vs. Provider-led in stable coronary artery disease.
Holmes-Rovner (PI) 10/1/10-9/30/11

The goal of this study was to evaluate two models of implementing shared decision-making and decision aids into routine clinical practice for CAD patients. \$140,768
Role: Co-investigator

W.K. Kellogg Foundation Not funded
Using health information technology to address disparities in the quality of prenatal care and birth outcomes for women with Medicaid insurance.
Roman (PI) 10/1/11-9/30/15

The goal of this study was to use AHRQ HIT recommendations to reduce disparities in prenatal care by building a community infrastructure to strengthen prenatal care and the connections about state sponsored health programs, providers, and health plans. \$1,999,806
Role: Co-investigator

Robert Wood Johnson Foundation Not funded
Engaging Patients, Providers and Payers in Developing Sustainable Models of Shared Decision Making.
Holmes-Rovner (PI) 7/1/11-6/30/14

The goal of this study was to implement and improve the Guidance Reminders in Practice (GRIP) system through community collaboration and to evaluate the impact of the project on quality of care, utilization, and patient engagement and outcomes. \$498,910
Role: Co-investigator

NIH R21 Not funded
Consequences of inserting cardiology CER tools into an incentive program.
Holmes-Rovner (PI) 9/1/11-8/31/13
The goal of this study was to stimulate new approaches to developing CER tools in cases where screening and treatment choice must be responsive to patient preferences and to physician judgment, and contribute to development of CER tools that bring information to bear that is relevant to physicians and patients as they reach clinical decisions. \$418,000

PROFESSIONAL AFFILIATIONS

2015-present Academy Health

2014-present Michigan Cancer Consortium

2013-present Society for Medical Decision Making

2011-present American Society for Bioethics and Humanities

1998-present American Anthropological Association

1996-present American Public Health Association

REFERENCES AVAILABLE UPON REQUEST

