

fFrancesca Colecraft Dwamena, MD, MS, FACP, FAACH

Clinical Center

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EDUCATION

- 08/2001 – 12/2007: Master of Science (MS), Department of Epidemiology
Michigan State University
- 08/2001 – 10/2003: Certificate in Psychosocial Medicine, Michigan State
University Department of Medicine
- 07/1989 – 06/1992: Residency in Internal Medicine, Emory University Affiliated
Hospitals
- 09/1985 – 06/1989: Doctor of Medicine (MD) Howard University College of
Medicine
- 09/1982 – 06/1985: Bachelor of Arts (BA), Wellesley College (Chemistry/French)

APPOINTMENTS

Academic Appointments

- 07/2011 – present: Professor of Medicine, Department of Medicine, Michigan
State University
- 07/2011 – present: Adjunct Professor, Department of Psychiatry, Michigan State
University
- 05/2006 – 06/2011: Associate Professor of Medicine, Department of Medicine,
Michigan State University
- 07/2002 – present: Adjunct Assistant Professor, Department of Psychiatry,
Michigan State University
- 01/1996 – 05/2006: Assistant Professor, Department of Medicine, Michigan State
University
- 07/1994 – 01/1996: Clinical Assistant Professor, Department of Medicine,
Morehouse School of Medicine

07/1992 – 06/1994: Instructor in Clinical Medicine, Department of Medicine,
Morehouse School of Medicine

Pertinent Clinical Appointments

1996 – present: Attending Physician, Michigan State University Health Team
1996 – present: Attending Physician, Sparrow Hospital, Lansing, MI
1996 – 2006: Attending Physician, Michigan Capital Medical Center,
Lansing, MI
1992 – 1996: Attending Physician, Grady Memorial Hospital, Atlanta, GA

Certification and Licensure

1993;2004;2016: Diplomate, American Board of Internal Medicine
1996 – 2017: State of Michigan license
1996 – 2017: Board of Pharmacy Controlled substance license
1996 – 2016: Drug Enforcement Agency license

ADMINISTRATIVE POSITIONS

2015 – Present Chair, Department of Medicine
2012 - 2015: Acting Chair, Department of Medicine
2012 – Present: Ex officio, Department Executive Committee
2011 – 2012: Medical Director, MSU Internal Medical Clinic
2010 – 2012: Vice Chair, Department of Medicine
2007 – 2012: Associate Program Director, Internal Medicine Residency,
Michigan State University

SELECTED PROFESSIONAL DEVELOPMENT AND LEADERSHIP TRAINING

2013 – 2014: Executive Leadership in Academic Medicine (ELAM) Fellow,
Drexel University College of Medicine (Institutional Action
Project: A Plan for Increasing Research in the Department of
Medicine. Poster presented 2014)
2014: CIC Department Executive Officers Seminar, Invited by
Faculty and Organizational Development Office, Michigan
State University
2014 – 2016: Physician Leadership Program, sponsored by Sparrow
Hospital for selected leaders

- 2012: Michigan State University New Academic Administrator Orientation: Developing Leadership and Administrative Excellence
- 2010, 2012: Association of Professors of Medicine Emerging Leaders Program, Nominated by Chair, Department of Medicine
- 2007: Association of American Medical Colleges Mid-Career Women's Faculty Professional Development Seminar, Nominated by Dean, CHM
- 2002, 2005: American Academy on Physician and Patient National Faculty Development Course on teaching Core Competencies in Medical Interviewing
- 2001 – 2003: Michigan State University Department of Epidemiology, Training Clinical Researchers in Community Settings (TRECOS fellow)
- 2000: Association of American Medical Colleges Minority Faculty Professional Development Seminar
- 1999: Association of American Medical Colleges Early Career Women Faculty Development Seminar
- 1997 – 1998: Association of American Medical Colleges Health Services Research Fellowship, Nominated by Chair, Dean
- 1994 – 1995: Michigan State University Office of Medical Education, Research, and Development Primary Care Faculty Development Fellowship

PROFESSIONAL MEMBERSHIPS AND LEADERSHIP

National

- 2019 National Academies Committee on Temporo-mandibular Disorders
- 2016 External Faculty Promotion Reviewer, University of Illinois College of Medicine (July 2016)
- 2015 Ad-hoc Search Review Committee, Harvard Medical School
- 2015: Arnold P. Gold Foundation, Grants Review Committee
- 2015 - present Executive Leadership in Academic Medicine, Educational Quality and Innovation Committee
- 2013: Communications Task force, National Board of Medical Examiners (NBME)

- 2013: Arnold P. Gold Foundation Research Institute: Rigorous review of Research on Humanistic Healthcare
- 2011 – 2012: Committee on Gulf War and Health: Treatment of Chronic Multi-symptom Illness, Board on the Health of Select Populations, Institute of Medicine of the National Academies
- 2012 – Present: Association of Professors of Medicine, member
- 2006 – 2012: Association of Program Directors in Internal Medicine
- 2003 – Present: American Academy on Communication in Healthcare: Course Planning and Organizing Committee for annual national faculty development course (2005 – 2007); Course director (2006 – 2007); Board of Directors (2012 – present); Financial Audit Committee (2012 – 2016); Executive Committee (2014 – 2016); Treasurer (2014 – 2016)
- 1995 – Present: Society of General Internal Medicine: Chair, Midwest SGIM Abstracts Review Committee (2015); Moderator of Qualitative Abstracts section (annual meeting, 2009); co-chair, Qualitative Abstract Selection Committee (2008 – 2009); National abstract selection committee (2002 – 2005)
- 1996 – 2000: American Medical Association
- 1996 – 1999: Association of Health Services Research
- 1993 – Present: American College of Physicians

Regional and Local

- 2003 – Present: Society of General Medicine – Midwest Region abstract selection committee (2003, 2005); co-chair, Abstract Selection Committee (2015)
- 2000 – 2007: Michigan State Medical Society
- 2006 – Present: Alpha Omega Alpha, MSU Chapter: Chair, Speaker Selection Committee (2013-present), Member, Faculty Selection Committee (2007)
- 1993 – Present: American College of Physicians: Co-facilitator of student program (2007); ACP Representative, Michigan Primary Care Consortium, (2007 – 2009); Michigan Primary Care Consortium Steering Committee member (2007 – 2009); Governor's Council member (2007 – 2009); Judge, associates oral and poster presentations (2005 – 2007)

HONORS AND AWARDS

- 2010: Fellow, American Academy of Communication in Healthcare
- 2010: Research Teacher of the Year, MSU Internal Medicine Residency
- 2009 – Present: The Best Doctors in America
- 2009: Research Teacher of the Year, MSU Internal Medicine Residents Award
- 2008: Fellow, American College of Physicians
- 2006: Outstanding Workshop Award, Midwest Region Society of General Internal Medicine
- 2006: College of Human Medicine Faculty and Staff Award for dedication and demonstrated commitment to students of color
- 2006: Alpha Omega Alpha Honor Medical Society
- 2002: Michigan State University Certificate of Appreciation, Center of Excellence in Minority Medical Education and Health
- 2001: Certificate of Appreciation – MSU Internal Medicine Residency Program
- 1995: Outstanding Paper Award for Superb Communication Skills in Clinical Research, Mayo Vaccine Research Group
- 1987: Outstanding Student Research Award, Howard University College of Medicine

COMMITTEE SERVICE**Sparrow Hospital**

- 2012 - Present: CHM representative, Medical Staff Executive Board
- 2014: Bylaws Review Committee

Michigan State University

- 1998: Chair, Special Inquiry Panel for the University Intellectual Integrity Officer

College of Human Medicine

- 2013: LCME self-study – Institutional setting sub-committee
- 2011 – Present: Committee for CHM Curriculum Redesign, specially convened by Associate Dean, Academic Affairs
- 2006 – 2007: Committee on Research, College of Human Medicine
- 2005: Team for Internal Review for Psychiatry Residency Program
- 2003: Faculty Excellence Task Force, Dean’s 2003 Strategic Plan
- 2002 – 2007: Student Scholarship Selection Committee
- 1998 – 2004: Student Performance Committee
- 1997 – 1998: Faculty Advisory/Steering Committee for COE Cultural Diversity Experience

Department of Medicine

- 2008 – 2009: Facilitator, Department of Medicine Retreat
- 2006 – Present: Department Advisory Committee; Chair (2012 – present)
- 1999 – 2009: Department Executive Committee (member 1999 – 2001; Chair 2006 – 2009)
- 1999 – 2009: Reappointment, Promotion and Tenure (member, 1999 – 2001, Chair 2006 – 2009)
- 1999: Cardiology residency program internal review
- 1997 – 2006: Faculty search committees: Endocrinology (1997, 2006); General Internal Medicine (2005, 2006); Occupational Medicine (2007)
- 2005 – 2012: Internal Medicine Residency Teaching and Evaluation Committee, Key Faculty Committee

EDUCATIONAL LEADERSHIP ACTIVITIES

- 2007 – 2012: Michigan State University Internal Medicine Residency
- 2009 – 2012: Director, Longitudinal Psychosocial Rounds
- 2008 – 2012: Director, Hospital Medicine Rotation
- 2007 – 2009: Director, PGY-1 Ambulatory Women’s Health Rotation
- 2007 – 2009: Director, PGY-3 Ambulatory Medicine Rotation
- 2005 – 2008: Key faculty for research
- 2008 – 2011: Evidence-based Medicine Lecture Series

- 2007 – 2011: Director, Journal Club
- 2006 – 2011: Director, Interesting Case Conference
- 2008 – 2009: Director, Works-in-progress series
- 2001 – 2012: Co-Director, Psychosocial Rotation
- 2007 – Present: Faculty Development (Patient-Centered Interviewing: MSU Faculty Development Workshop; East Lansing, MI. (Multiple presentations 2007, 2009 - present); Patient-Centered Interviewing: MSU Faculty Development Workshop; Grand Rapids, MI. (Multiple presentations, 2010 - present); “Timing for Promotion: The Department of Medicine Reappointment, Promotion, and Tenure Process”– seminar for Lansing and Community faculty 07/31/07

OTHER TEACHING ACTIVITIES

Assigned Teaching

- 1996 – Present: Management attending, multiple sessions; Teaching attending, multiple sessions; Primary care Lecture Series (Acute pancreatitis, 2004 – 2006; Oral Contraceptives in Primary Care, 2000; Medical Complications in Pregnancy, 2000; Glomerulonephritis, 1999; Hyperlipidemia Screening and Treatment, 1998; Outpatient Management of Congestive Heart Failure, 1998; Pre-operative Evaluation for Non-cardiac Surgery, 1998; Critical Appraisal of the Medical Literature, 1996
- 1996 – Present: Clinical Teaching (Preceptor, Med 608 Year 3 Medicine, multiple sessions inpatient and outpatient, 1996 – 2012; Lectures, Med 608 – Congestive Heart Failure, (3rd year), 2000 – 2012; Acid-base / fluids and electrolytes (3rd year), 2007 – 2012
- 1996 – Present: Preclinical teaching (Preceptor, HM 515, 525, 539/526, Problem Based Learning groups, multiple iterations 2001 – 2005; Preceptor, HM 582 Mentor Group 2000-2001, 2005 – 2010; Preceptor, HM 546 Social Context of Clinical Decisions – Ethics, 2001 – 2007; Preceptor, HM 532-2 Clinical Skills – Patient Education, 1999 – 2006; Preceptor, HM 531-2 Clinical Skills – introduction to doctor-Patient Relationship, 1997, 1999, 2005 – 2007, 2009; Preceptor, HM 547 Social Contexts of Clinical Decisions – Epidemiology, 1996 – 1997, 2004 – 2009

Thesis Committees

- 2012 – 2014: Evan Perault, PhD candidate, Department of Communication, Michigan State University
- 2014 – 2015: Kate Grayson-Sneed, PhD candidate, Department of Communication, Michigan State University

Grant Support and Activities

- 2011 - 2016: Residency Training in Primary Care (PI: Robert C. Smith) HRSA D58HP23259-01-00 (\$1,016,606.00).
Role: Faculty development and training (0.15FTE)
- 2011 – 2012: Research education program to increase the number and diversity of researchers in health related research (PI Elahe Crocket) NHLBI HL-11-024 (\$1,005,261.00)
Role: Co-PI; (Relinquished role 07/2012)
- 2010 – 2011: Does statin treatment increase the risk of tendon rupture? A retrospective cohort analysis of an insurance database Blue Cross blue Shield researcher initiated grant (\$10,000)
Resident co-investigators (protégés); Abhimanyu Beri, Tahmeed Contractor
Role: Principal Investigator
- 2009: Patient medical decision treatment decision in education and support through community networks AHRQ (PI: Carla Zema). Not funded
Role: consultant for tool development and train-the trainer model (0.05 FTE)
- 2010: Center for healthcare Research and Transformation (CHRT) grant. Coronary Artery Disease Shared Decision-Making in Primary Care (PI: Margaret Holmes-Rovner)
Role: Co-investigator; Physician workshop director (0.15 FTE)
- 2007 – 2009: Patient-Centered Training of Residents on a medical Ward. Picker Institute Challenge Grant (PI: H Laird-Fick)
Role: co-investigator; nurse training and data management (0.10 FTE)
- 2005 – 2006: Activated Patient Project Medicaid Match Project grant (PI: Brian Mavis)
Role: Curriculum development. Lead instructor for patient courses.
- 2002 – 2007: Analysis of Limited Resuscitations in Patients Suffering In-Hospital Cardiac Arrest Wyerth Pharmaceuticals (PI:

- Rudolph Evonich). Resident co-investigators (protégés):
Rudolph Evonich, Kristofer Dosh, Ibrahim Shah, Arman Raza, Kwsai Al-Rahhal, Amit Gupta
Role: Faculty mentor
- 2000 – 2002: Describing a Somatizing Population. Minority supplement to National Institute of Mental Health MH57099-02 (PI: Robert C. Smith) \$207,586
Role: Minority investigator (0.70 FTE)
- 1998 – 1999: The Cardiovascular Risk Profile of Women in a Mid-Michigan Faculty Group Practice: A Life Phase-Specific and Stages-of-Change Assessment. All University Research Initiation Grant \$15,000
Role: Principal Investigator
- 1996 – 2000: Michigan State University Inter-Institutional Collaborative Heart (MICH) Study; MSU Foundation Grant (PI: Joel Kupersmith)
Role: Co-investigator
- 1996 – 2000: US Dept of Health and Human Services grant. MSU Center of Excellence in Health Professions (PI: Wanda Lipscomb) \$1,422,096
Role: Faculty scholar (0.40 FTE)

Non-Funded Research Projects with Residents and Students

- 2007: Utility of D-Dimer in the Diagnosis of Pulmonary Embolism: Resident co-investigators (protégés); Amit Gupta, Adriano Tonelli
- 2008: Tendon Rupture and Statins – A Case Control Study: Resident co-investigator: Abimanyu Beri
- 1996: Medical Students: (Cultural Diversity Research Experience): Kimberley Jordan, 1996; Stephanie Escamilla, 1997 – 1998; Mark Carey, 2nd year medical student – Outcomes research, 1997; Shana Ntiri, 2002
- 1997 – 1998: Undergraduate Research Opportunities Program: Kathryn Edwards, 1997–1998; McNair/SROP program: Soogee Jeong, 1998; Sobial Sumbal, 1999; Nakaeda Hatter, 1999; Funmi Kisali, 1999 (OB-GYN resident 2007)

Journal Review/Editorial Work

- 2002 – Present: Annals of Internal Medicine (1 article 2002, received special commendation letter for outstanding review; 1 article each 2007, 2008)
 Journal of General Internal Medicine (2 articles, 2003)
 Up to Date (Reviewed 8 chapters, 2003 – 2005)
 Reviewer, Psychosomatics (1 article, 2006)
 Seminars in Medical Practice (1 article each in 2007, 2008)
 Patient Education and Counseling (1 article each 2008, 2009, 2012-2013, 3 articles 2014)
- 2007 – Present: Editorial consultant, PIER module on MUS

PRESENTATIONS

Peer-Reviewed Research Presentations and Abstracts:

1. **Dwamena FC**, Quaye EO, Alema-Mensah E, Ofili EO. Inadequate Blood Pressure Control in an African-American Cohort with Access to Primary Care: Prevalence and Correlates. *J Gen Intern Med.* (supplement) 1996;11:141A
2. Mitra R, Watson R, Abela G, **Dwamena F**, Vasilenko P, Fazal-Ur-Rehman S, Kupersmith J for the MICH study group (Michigan State University Inter-Institutional Collaborative Heart Study). Lipid Lowering Drugs Are Underprescribed In Acute Myocardial Infarction. *J Invest Med.* 1996;44:390A (oral presentation)
3. Watson R, Mitra R, **Dwamena F**, Kroll J, Vasilenko P, Smith S, Stommel M, Kupersmith J for the MICH study group (Michigan State University Inter-Institutional Collaborative Heart Study). Gender does not influence the rate of cardiac catheterization but does influence rates of PTCA and CABG following acute myocardial infarction. *J Invest Med.* 1996;44:388A (oral presentation)
4. Watson R, Mitra R, **Dwamena F**, Kroll J, Vasilenko P, McIntosh B, Gardiner J, Stommel M, Kupersmith J for the MICH study group (Michigan State University Inter-Institutional Collaborative Heart Study). Race influences the rate of cardiac catheterization but does not influence rates of PTCA and CABG following acute myocardial infarction. *J Invest Med.* 1996;44:348A (oral presentation)
5. **Dwamena F**, Mitra R, Watson R, Gardiner J, Abela G, Vasilenko P, Kupersmith J for the MICH study group (Michigan State University Inter-Institutional Collaborative Heart Study). Do Community Physicians Prescribe Angiotensin Converting Enzyme Inhibitors to Patients with Acute Myocardial Infarction. *J Invest Med.* 1996;44:388A (oral presentation).
6. El-Tamimi H, **Dwamena F**, Kroll J, Akhras F, Holmes-Rovner M, Watson R, Kupersmith J. Underutilization of lipid lowering drugs in patients with CAD in community hospitals. *FASEB.* 1999;13:4-A86 (poster presentation).

7. **Dwamena FC**, RE Watson, FK Ahmed. Racial and gender differences in quality of life among acute myocardial infarction survivors from community hospitals. *J Gen Intern Med.* (supplement 1) 2000;15:63
8. **Dwamena FC**, FK Ahmed, BA Dwamena. Exploring women's motivation to control weight: A life phase and racial assessment of the stages of change for weight loss in women. *J Gen Intern Med.* (supplement 1) 2000;15:62 (poster presentation)
9. **Dwamena FC**, Collins C, Lyles J, Lein K, Hodges AM, Patel B, Komareddy A, Kanj M, Hayek F. Internal Medicine Residents' attitudes towards high utilizing patients. *J Gen Intern Med* (supplement 1) 2001;16:226 (poster presentation)
10. **Dwamena FC**, Smith RC. Teaching the Knowledge Dimension of Patient-Centered Interviewing. Research and Teaching Forum on Doctor/Patient Communication. Linthicum Heights, MD. March 8, 2002 (poster presentation)
11. **Dwamena FC**, Lyles JS, Smith RC. In Their Own Words: A Qualitative Study of Primary Care patients with Medically Unexplained Symptoms. *J Gen Intern Med* 2004 (poster presentation)
12. **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. American Academy on Physician and Patient (AAPP) Research and Teaching Forum, October 13 - 15, 2006, Atlanta Georgia
13. **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. American Academy on Physician and Patient (AAPP) Research and Teaching Forum, October 13 - 15, 2006, Atlanta Georgia
14. **Dwamena FC**, Lyles JS, Frankel R, Smith RC. Experiences, Perceptions, and Behaviors Of Patients With Medically Unexplained Symptoms. Accepted (oral presentation), Society of General Internal Medicine April 26, 2007. Toronto, Canada.
15. 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.
16. Loyson, A., Walsh, K., Mavis, B., **Dwamena, F.** & 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.
17. **FC Dwamena***, B Mavis, K Walsh, A Loyson, M Holmes-Rovner. Teaching Medical Interviewing to Patients (oral presentation). International Conference on Communication in Healthcare, Oslo, Norway, September, 2008 (This was

selected for publication in special edition of Patient Education and Counseling)

18. **Dwamena FC**, Gauden C, Olomu A, Lewin S, Smith RC, Holmes-Rovner M. A Systematic Review of Interventions to Promote a Patient-Centered Approach. International Conference on Communication in Healthcare, Oslo, Norway, September 2008 (This was one of best papers invited for publication in special edition of Patient Education and Counseling)
19. Kelly-Blake K, Holmes-Rovner M, **Dwamena F**, Dontje K, Rovner D, Henry R, Olomu A, Rothert M, and Riba M. Improving coordination of care for stable coronary artery disease (CAD): primary care shared decision-making. Poster presented at the 138th APHA Annual Meeting Nov 9, 2010.
20. 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). Abstract submitted to the 6th International Shared Decision Making Conference, June 19-22, 2011, Maastricht, The Netherlands.
21. Sarinopoulos I, Gordon C, Gregerson S, Mattice A, Hesson AM, **Dwamena F**, Smith RC. Patient-Centered Interviewing is Associated with Neurobiological Changes. Annual meeting SGIM, May 2012 (poster presentation)
22. A Criterion Standard Research Rating Method for a Patient-Centered Interaction. International Conference on Communication in Healthcare (ICCH), October 2015
23. Patient Satisfaction with a Patient-Centered Interaction – An Efficient Questionnaire. International Conference on Communication in Healthcare (ICCH), October 2015
24. Innovation: How to Increase Training in Mental Health. International Conference on Communication in Healthcare (ICCH), October 2015

Peer-Reviewed Educational Workshops and Presentations

1. Symposium: Implications of a Scientific Biopsychosocial Model, International Association on Communication in Healthcare, Amsterdam, October, 2014
2. Faculty: Primary Care Mental Health: Diagnosis and Treatment, International Association on Communication in Healthcare, Amsterdam, October, 2014
3. Faculty (with A Fortin and others) Improving Efficiency, Effectiveness, Patient Satisfaction and Health Outcomes through Patient Centered Interviewing
4. Session leader and coordinator of Symposium: The Diagnosis and Treatment of Medically Unexplained Symptoms in non-Psychiatric settings, International Conference on Communication in Healthcare, September 2012, St. Andrews, Scotland

5. Faculty (with A Fortin and RC Smith) Evidence-Based Interviewing, American College of Physicians, April 2012 New Orleans, LA
6. Faculty (with A Fortin and RC Smith) Patient-Centered Interviewing, Society of General Internal Medicine, May 2012, Orlando FL
7. Precourse: Improving Outcomes in Patients with Unexplained Symptoms, Society of General Internal Medicine, Orlando, May 2012– (this was accepted but withdrawn for lack of subscribers)
8. Session coordinator, An Individualized Evidence-based Approach to Medically Unexplained Symptoms at the International Conference on Communication in Healthcare (ICCH) annual meeting, October 17, 2011, Chicago Ill
9. Session coordinator, An Individualized Approach Unexplained Symptoms in Society of General Internal Medicine Annual Meeting, Phoenix, AZ May 2011
10. Faculty (with A Fortin and R Smith): Evidence-Based Patient-centered Interviewing, AACH Forum, October 2010, Phoenix, AZ
11. Session coordinator, An Individualized Approach Unexplained Symptoms in Primary Care, AACH Forum Annual Meeting, Phoenix, AZ October 2010
12. Faculty (with R smith): Evidence-Based Patient-centered Interviewing, AACH Forum, October 2010, Phoenix, AZ
13. Session coordinator, Patient Centered Interviewing. MSU Faculty Development Workshops. Lansing, MI September 1 and 2, 2009
14. Session coordinator, The Art and Science of Treating Unexplained Symptoms in Primary Care, Society of General Internal Medicine 32nd Annual Meeting, Miami, Florida May 13, 2009
15. Session coordinator, You Can Treat Patients with Medically Unexplained Symptoms: An Evidence-Based Workshop for Primary Care Providers.
16. EACH Conference 2008, Oslo, Norway September 5, 2008
17. Faculty, Improving Patient Satisfaction and Health Outcomes: Evidence-Based Patient-centered Interviewing, European Association for Communication in Healthcare, September 2008, Oslo, Norway
18. Session coordinator and faculty: You Can Treat Patients with Medically Unexplained Symptoms 31st session of the national Society of General Internal Medicine. April 9, 2008
19. “Improving Patient Satisfaction and health Outcomes: Evidence-Based Patient-Centered Interviewing” (Co-director with August Fortin and Robert Smith) Annual Session of the American College of Physicians. Philadelphia, PA April, 2008

20. Faculty, Learning and teaching an evidence-based method for efficient patient-centered interviewing. International Conference on communication in healthcare October 11, 2007
21. Evidence-Based Patient-Centered Interviewing (with Robert Smith), Third Michigan State University Cross-Campus Pediatric Residency Day, September 26, 2007
22. Session coordinator and faculty, Diagnosing and Treating Patients with Medically Unexplained Symptoms. 25th American Academy on Communication in Healthcare, June 11, 2007
23. Session coordinator and faculty, Treating Medically Unexplained Symptoms: An Evidence-Based Method. Annual session of the national Society of General Internal Medicine. April 26, 2007
24. Faculty, Efficient, Patient-Centered Interviewing: An Evidence-Based Method. Society of General Internal Medicine national meeting April 27, 2006, in Los Angeles, California.
25. Course coordinator and faculty "Managing Patients with Medically Unexplained Symptoms" Annual Session of the American College of Physicians. Philadelphia, PA April 2007.
26. Faculty (with A. Fortin and RC Smith) "Improving Patient Satisfaction and health Outcomes: Evidence-Based Interviewing" Annual Session of the American College of Physicians. Philadelphia, PA April, 2007.
27. Session Coordinator and faculty, Treatment of Medically Unexplained Symptoms in Primary Care. Society of General Internal Medicine national meeting April 27, 2006, in Los Angeles, California.
28. Session Coordinator and faculty "Managing Patients with Medically Unexplained Symptoms" Annual Session of the American College of Physicians. Philadelphia, PA April 8, 2006.
29. Faculty (with A Fortin and RC Smith) "Improving Patient Satisfaction and health Outcomes: Evidence-Based Interviewing" Annual Session of the American College of Physicians. Philadelphia, PA April 7, 2006.
30. Session Coordinator and Faculty (with R. Smith), Training Internists to Effectively Manage Patients with Medically Unexplained Symptoms. Workshop at the Society of General Internal Medicine Midwest Regional Meeting, October 1, 2005
31. Session Coordinator and Faculty (with R Smith), An Evidence-Based Method for Patient-Centered Interviewing. Workshop at Society of General Internal Medicine Regional Meeting, Chicago, IL September 30 2005
32. Faculty (With A Fortin and RC Smith), Efficient, Patient-Centered Interviewing: an Evidence-Based Method, Workshop at the Society of General Internal Medicine National Meeting May 2005

33. Faculty (with A Fortin) "Improving Patient Satisfaction and Health Outcomes: Evidence-Based Interviewing". Annual national meeting American College of Physicians / American Society of Internal Medicine, San Francisco, CA April 19, 2005.
34. Faculty (With A Fortin and RC Smith), Efficient, Patient-Centered Interviewing: an Evidence-Based Method, Workshop at the Society of General Internal Medicine National Meeting May 2004
35. Session Coordinator and Faculty (With A Fortin and RC Smith). Preparing The General Internist For The Future: Managing Patients With Medically Unexplained Symptoms. Precourse at Society of General Internal Medicine National Meeting May 2004
36. Faculty (with A Fortin and RC Smith) "Improving Patient Satisfaction and Health Outcomes: Evidence-Based, Patient-Centered Interviewing" (With). Annual national Meeting American College of Physicians/American Society of Internal Medicine San Diego, CA. April 24, 2004.
37. Faculty (with A. Fortin), "Learning and Teaching Patient Centered Interviewing." Pre-course at Society of General Internal Medicine 26th Annual National Meeting. Vancouver BC May 2003
38. Faculty (with A. Fortin, RC Smith) "Evidence-Based, Patient-Centered Interviewing: Improving Patient Satisfaction and Health Outcomes". Annual national Meeting American College of Physicians/American Society of Internal Medicine Philadelphia, PA. April 5, 2003.
39. Faculty (With BA Dwamena), "Making Sense of Diagnostic Meta-Analysis Through Visual Displays." Primary Care Research Methods and Statistics Conference. San Antonio, TX. Dec 8, 2002
40. Session Coordinator and Faculty, " A Literature-Based Systematic Approach to Chart Review." Primary Care Research Methods and Statistics Conference. San Antonio, TX. Dec 6, 2002
41. Session Coordinator and Faculty (With RC Smith), "An Evidence-Based Method for Teaching Patient-Centered Interviewing." Mid-West Society of General Internal Medicine Regional Meeting. Chicago, IL. September 7, 2002.
42. Faculty (With BA Dwamena), "Making Sense of Diagnostic Meta-Analysis Through Visual Displays." Mid-West Society of General Internal Medicine Regional Meeting. Chicago, IL. September 7, 2002.
43. Session Coordinator and Faculty (With RC Smith and D Woolger), "A Literature-Based Systematic Approach to Chart Review." Society of General Internal Medicine 25th Annual National Meeting. Atlanta, GA. May 3, 2002.
44. Faculty (With BA Dwamena), "Making Sense of Conflicting Reports of Accuracy of Diagnostic Technology Studies: A Primer on Diagnostic Meta-

- analysis.” Society of General Internal Medicine 25th Annual National Meeting. Atlanta, GA. May 3, 2002.
45. “Three Challenging Interviews” (With RC Smith and A Fortin). Annual National Meeting American College of Physicians/American Society of Internal Medicine Philadelphia, PA. April 12, 2002.
 46. Session Coordinator and Faculty (With RC Smith), “An Evidence-based Method for Teaching Patient-Centered Interviewing. American Academy of Physician and Patient.” Annual Research and Teaching Forum Linthicum Heights, MD. March 8 – 9, 2002
 47. Faculty (With RC Smith), “ How to Teach Self-Awareness During Interview Training” American Academy of Physicians and Patients. Annual Research and Teaching Forum Linthicum Heights, MD. March 8, 2002
 48. “Treatment of Somatization in Primary Care.” (With RC Smith). Part of AAPP precourse: “The State of the Art in Doctor Patient Communication” Precourse at The SGIM 24th Annual National Conference. San Diego, CA. May 3, 2001.
 49. “Improving Patient Satisfaction and Health Outcomes: Evidence-Based, Patient-Centered Interviewing” (With A Fortin and RC Smith). Annual national Meeting American College of Physicians/American Society of Internal Medicine Philadelphia, PA. April 11, 2002 (peer-reviewed presentation).
 50. Faculty (With RC Smith), “Resident Training in Patient-Centered Interviewing Methods.” Family Practice Residency Training Program, Saginaw, MI. July 11, 2001.
 51. Faculty (With RC Smith and A Fortin) “An Evidence-Based Patient-Centered Interviewing Method. Society of General Internal Medicine 24th Annual National Meeting. San Diego, CA. May 5, 2001.
 52. Session Coordinator and Faculty (With RC Smith), “A Literature-based Systematic Chart Review Protocol.” Society of General Internal Medicine 24th Annual National Meeting. San Diego, CA. May 5, 2001

Invited CME Presentations (Non-Peer Reviewed)

Local/Regional

1. “Hypertension Control: The State of The Art” Morehouse College of Medicine. Atlanta, GA. September 20, 1995 (Grand Rounds).
2. “Hyperlipidemia in Acute Myocardial Infarction.” Sparrow Hospital (Grand Rounds). Lansing, MI. July 2, 1996.
3. “Compliance in Diabetes” Saint Lawrence Hospital and Medical Center (Grand Rounds). Lansing, MI. September 3, 1996.

4. "Nutrition in Primary Care" Ingham Regional Medical Center (Grand Rounds) March 1999.
5. "Teaching the Patient Centered Interview." Michigan Behavioral Science Teachers of family Medicine. Detroit, MI. September 13, 2002 (invited speaker).
6. "Maximizing Communication With Your Doctor" Lecture/workshop in "Without A Vision The People Perish" community lecture series, Sparrow Hospital November 16, 2003 (invited speaker).
7. "Critiques of Modern Epidemiology." Sparrow Hospital (Grand Rounds) Feb 11, 2003
8. "In Their Own Words: Qualitative Study of patients with Medically Unexplained Symptoms," Sparrow Hospital (Grand Rounds) Feb, 2004
9. "Research-based Management of Medically Unexplained Symptoms and Physician Frustration – Part 1" (with RC Smith) Sparrow Hospital (Grand Rounds) March 1, 2005
10. "Research-based Management of Medically Unexplained Symptoms and Physician Frustration – Part 2" (with RC Smith) Sparrow Hospital (Grand Rounds) March 8, 2005
11. "Improving Patient Satisfaction and Health Outcomes: Evidence-Based Patient-Centered Interviewing" (With RC Smith). Olin Health Center. Michigan State University May 10, 2005 (invited speaker)
12. "What Do They Think? Qualitative Studies of Patients with Medically Unexplained Symptoms" Sparrow hospital (Grand Rounds) Feb 21, 2006
13. "Pelvic Pain: An Opportunity for Multidisciplinary Intervention in Women" Women's Health Conference. Department on Medicine, Michigan State University, Aril 28, 2006 (invited speaker)
14. "The Activated Patient Project: Lessons Learned" Sparrow Hospital (Grand Rounds) Feb, 2007
15. Medical Interviewing Day (with Robert Smith). Michigan State University College of Osteopathic Medicine Statewide Campus System, March 13, 2008. Okemos, MI.
16. Invited workshop: Interpersonal Communication, Dept. of Surgery, May 2012, East Lansing, MI

NATIONAL/INTERNATIONAL

1. "Hypertension: Still a Major Public Health Issue" Primary Care Update 1998 Conference. Atlanta, GA. September 26, 1998 (invited speaker).

2. "The Patient-Centered Interview: A Tool for Improving Patient Satisfaction and Outcomes." South Carolina HIV/STD Conference. Charleston, SC. October 30, 2002 (invited speaker).
3. "The Patient Centered Communication: A Clinical Exercise" (with August Fortin) 8th Annual Force Health Protection Conference, Louisville, KY, August 12, 2005 (invited speaker).
4. Treating the Patient with Medically Unexplained Symptoms in Primary Care, 35th Annual Session of the AAPA Conference, Philadelphia, PA. May 27 2007 (invited speaker)
5. Three Challenging Interviews 35th Annual Session of the American Academy of Physician Assistants (AAPA) Conference, Philadelphia, PA. May27 2007 (peer-reviewed presentation)
6. Plenary Speaker – Interventions for Providers to Promote a patient-centered Approach: A systematic Review for the Cochrane Database, 25th American Academy on Communication in Healthcare Summer Faculty Development Course, June10, 2007 (invited speaker)
7. Plenary Panel (with Richard M. Frankel and Paul Haidet) Pandora's Box: Update in Relationship Cantered Care, 25th American Academy on Communication in Healthcare, June 10, 2007 (invited speaker).
8. Social Participation and Health Systems Sub-Plenary speaker: Interventions to improve individual participation in healthcare. 7th Global Conference for Health Promotion, October 26 2009, Nairobi, Kenya (invited and sponsored by the World Health Organization)
9. Addressing the Burden of Coronary Heart Disease Together Sparrow Hospital, October 2009
10. An Integrated Approach to Caring for the Adult Male (with Robert Smith). Sparrow Men's health Conference. East Lansing, MI. March 3, 2010.
11. Pancreatic Cancer: Best Practices in Communication and Management (Internal Medicine Grand Rounds with Srinivas Kavaturu and Anas Al-Janadi) Sparrow Hospital, East Lansing. November 2013
12. Pancreatic Cancer: Best Practices in Communication and Management (Internal Medicine Grand Rounds with Srinivas Kavaturu and Anas Al-Janadi) Sparrow Hospital, East Lansing. November 2014
13. Invited faculty (with R Smith and B. Lepisto): Patient-Centered Interviewing: Takoma Medical Associates, Takoma Regional Hospital, Greeneville TN, November, 2014
14. Presenter: Webinar to HRSA-supported Community Mental Health Agencies and Federally Qualified Health Centers: Training Residents in Behavioral Health Care, Michigan Primary Care Association, May 2014.

BIBLIOGRAPHY

Peer-Reviewed Papers

1. **Dwamena FC**, El-Tamimi H, Watson RE, Kroll J, Stein AD, McLane A, Holmes Rovner M, McIntosh B, Kupersmith J for the MICH (Michigan State University Inter-Institutional Collaborative Heart) Study group. The use of Angiotensin-converting enzyme inhibitors in patients with acute myocardial infarction in community hospitals. Clin. Cardiol. 2000;23:341-346.
2. Watson RA, Stein AD, **Dwamena F**, et al. Do race and gender influence the utilization of invasive procedures? J Gen Int Med 2001;16 (4):227-233.
3. Quaye EO, Alemah-Mensah E, Omeogu C, Alvarez D, **Dwamena FC**, Harris-Hooker S. Lack of adequate diagnosis and treatment of hypertension in an urban hypertensive population. Ethnicity and Disease. 2001; 11(3): 454-62.
4. Lyles JS, **Dwamena FC**, Lein C, Smith RC. Evidence-based patient-centered interviewing. Journal of Clinical Outcome Management 2001;8(7):28 – 33
5. Smith RC, Gardiner JC, Lyles JS, Johnson M, Rost, KM, Luo Z, Goddeeris J, Lein C, Given, CW, Given B, **Dwamena F**, Collins C, VanEgeren LF. Minor Acute Illness – a preliminary research report of the ‘worried well’. Journal of Family Practice 2002;24-29.
6. Smith RC, Lein C, Collins C, Lyles JS, Given B, **Dwamena FC**, Coffey J, Gardiner JC, Goddeeris J, Given CW: Treating Patients with Medically Unexplained Symptoms in Primary Care. Journal of General Internal Medicine; 2003; 18:478 - 489.
7. Smith RC, Korban E, Kanj M, Haddad R, Lein C, Gardiner JC, Lyles JS, Hodges A, **Dwamena FC**, Coffey J, Collins C: A Method for Rating the Charts to Identify and Classify Patients with Medically Unexplained Symptoms. Psychotherapy and Psychosomatics, 2004;73:36 - 42.
8. Olomu AB, Watson RE, Siddiqi AA, **Dwamena FC**, McIntosh BA, Vasilenko P, Kupersmith J, Holmes-Rovner MM: Changes in rates of beta-blocker use in community hospital patients with acute myocardial infarction. J Gen Intern Med, 2004; 19(10):999 – 1004.
9. Smith RC, Gardiner JC, Lyles JS, Sirbu C, **Dwamena FC**, Hodges A, Collins C, Lein C, Given CW, Given B, Godeeris J: Exploration of DSM-IV criteria in primary care patients with medically unexplained symptoms – and a new “DSM somatoform-negative” population. Psychosomatic Medicine, 2005: 67(1):123 – 9.
10. Smith RC, **Dwamena FC**, Fortin A. Teaching Personal Awareness. J Gen Intern Med, 2005 20(2) 201-207.

11. Smith RC, Lyles JS, Gardiner JC, Hodges A, Collins C, Sirbu C, Lein C, **Dwamena FC**, Given CW, Given B, Godeeris J: Primary care clinicians employ the provider-patient relationship to treat patients with medically unexplained symptoms. J Gen Intern Med, 2006; 21(7):671-677
12. Smith RC and **Dwamena FC**. Classification and Diagnosis of patients with Medically Unexplained Symptoms J Gen Intern Med, J Gen Intern Med, 2007; 22(5):685-91
13. **Dwamena FC**, Han C, Smith RC. Breaking bad news: a patient-centered approach to delivering an unexpected cancer diagnosis. Semin Med Pract 2008;11:11–20. Available at www.turner-white.com.
14. **Dwamena FC**, Lyles JS, Frankel RM, Smith RC. In Their Own words: Qualitative Study of Primary Care Patients with Medically Unexplained Symptoms BMC Family Practice 2009, 10:67
15. Patel KJ, **Dwamena FC** Comment on: The Impact of Collaborative Care Management of Depression among Patients with Cancer. Letter to the editor. J Clin Oncol 2009, 27(10):1730
16. Beri A, **Dwamena FC**, Dwamena B. Association between Statin Therapy and Tendon Rupture: A Case Control Study. J Cardiovascular Pharmacology 2009, 53(5):410 - 404
17. Beri A, **Dwamena FC**. A Case of Emphysematous Cystitis in Cystic Fibrosis. South Med J 2009; 102(1):89 – 90
18. Dosh K, Dhoble A, Evonich R, Gupta A, Shah I, Gardiner J, **Dwamena F** (senior author). Analysis of Limited Resuscitations in Patients Suffering In-Hospital Cardiac Arrest. Resuscitation 2009; 80(9):985-9
19. **Dwamena FC**, Mavis B, Holmes-Rovner M, Walsh K, Loyson A. Teaching medical interviewing to patients: The other side of the encounter. Patient Educ Couns Sept 2009; 76(3):380-4
20. Laird-Fick H, Solomon D, Jodoin C, **Dwamena FC**, Alexander K, Rawsthorne L, Banker T, Gourineni N, Aloka F, Frankel RM, Smith RC. Training residents and nurses to work as a team on a medical ward. Patient Educ Couns Feb 2011;26(2):185-91(e-pub 2010/09/09).
21. Smith R, **Dwamena F**, Grover M, Coffey J, Frankel R. Behaviorally-defined patient-centered communication -- A narrative review of the literature. J Gen Int Med 2010; 26(2) 185-91.
22. Holmes-Rovner M, Kelly-Blake K, **Dwamena F**, Dontje K, Henry R, Olomu A, Rovner D, Rotherth M. Shared Decision Making Guidance Reminders In Practice (SDM-GRIP) for stable coronary artery disease (CAD). Patient Education and Counseling 85 (2011) 219–224. (E-pub 2011/02/02).
23. **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. Cochrane Database of Systematic Reviews. 2012, Issue 12. Art. No.: CD003267. DOI: 10.1002/14651858.CD003267.pub2 (Selected for research news archives, Health Behavior News Service, part of Center for Advancing Health) 12/18/2012; podcast; ranked as number 3 in the top 10 most cited CCG reviews in 2014, cited 24 times and accessed in full-text 4475 times in 2014.)
24. Dontje K, Kelly-Blake K, Olomu A, Rothert M, **Dwamena F**, Henry R, Rovner D, Holmes-Rovner M. Nurse-led group visits support shared decision-making in stable coronary artery disease. J Cardiovasc Nursing 2013;28(3) 269-276.
 25. Sarinopoulos I, Hesson A, Gordon C, Lee S, Wang L, **Dwamena F**, Smith R. Patient-Centered Interviewing is Associated with Decreased Responses to Painful Stimuli: An Initial fMRI Study. Patient Education and Counseling 2013;90(2) 220-225 (E-pub November 2012)
 26. Smith RC, Fortin AH, **Dwamena F**, Frankel RM. An Evidence-based patient centered method makes the biopsychosocial model scientific. Patient Education and Counseling 2013;91(3) 265-270
 27. Smith RC, Laird-Fick H, D'Mello D, **Dwamena FC**, Romain A, Olson J, Kent K, Blackman K, Solomon D, Spoolstra M, Fortin AH, Frey J, Ferenchick G, Freilich L, Meerschaert C, Frankel R. Addressing Mental Health Issues in Primary Care: An Initial Curriculum for Medical Residents. Patient Education and Counseling 2014;94:33-42.
 28. Contractor T, Beri A, Gardiner JC, Tang X, **Dwamena FC**. Is Statin Use Associated With Tendon Rupture? A Population-Based Retrospective Cohort Analysis. American Journal of Therapeutics (2014) (Senior author)
 29. **Dwamena FC**, Laird-Fick H, D'Mello D, Frey J, Dasari A, Grayson-Sneed K, Solomon RC. Behavioral Health Problems in Medical Patients. Journal of Clinical Outcomes Management 2014;21(11) 497-505.
 30. Kelley-Blake K, Olomu A, **Dwamena F**, Dontje K, Henry R, Rovner D, Holmes-Rovner M. Development of a Communication Skills-based Workshop for Shared Decision-Making. European Journal for Person Centered Healthcare 2015;3(4) 529-542
 31. Grayson-Sneed K, **Dwamena FC**, Smith S, Laird-Fick H, Freilich L, Smith RC: A Questionnaire Identifying Four Key Components of Patient Satisfaction With Physician Communication, Patient Education and Counseling, 2016;99:1054-1061.
 32. Smith RC, Laird-Fick H, **Dwamena FC**, Freilich L, Mavis B, Grayson-Sneed K, D'Mello D, Spoolstra M, Solomon D: Teaching Residents Mental Health Care, Patient Education and Counseling, 2018; in press.

BOOKS, BOOK CHAPTERS, EDITORIALS

Books

1. IOM (Institute of Medicine). 2013. Gulf War and Health: Treatment for Chronic Multisymptom Illness. Washington, DC: The National Academies Press.
2. Fortin AH, **Dwamena FC**, Frankel R, Smith RC. Smith's Evidence-Based Patient Centered Interviewing, 3rd edition McGraw-Hill Companies, Inc. 2012
3. Fortin AH, **Dwamena FC**, Frankel R, Lepisto B, Smith RC. Smith's Evidence-Based Patient Centered Interviewing, 4th edition McGraw-Hill Companies, In Press 2018
4. Smith RC, D'Mello D, Osborn GG, Freilich L, **Dwamena FC**, Laird-Fick H. Essentials of Psychiatry in Primary Care: Behavioral Health in the Medical Setting, In Press 2018

Book Chapters

1. **Dwamena FC**. Pelvic Pain In *Patient History: Evidence-Based Approach*. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/McGraw-Hill, 2005
2. **Dwamena FC**, Fortin A, Smith RC. Patient-centered interview In *Patient History: Evidence-Based Approach*. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/McGraw-Hill, 2005
3. Fortin AH, **Dwamena FC**, Smith RC. Doctor-centered interview In *Patient History: Evidence-Based Approach*. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/McGraw-Hill, 2005
4. **Dwamena FC**, Fortin AH, Smith RC. Medically Unexplained Symptoms. A Physicians' information and Education Resource (PIER) module. American College of Physicians, 2006 (updated annually)
5. Smith, RC, **Dwamena FC**, Fortin AH. The Difficult Patient. In Up To Date, Burton D. Rose ed. Wellesley, MA. 2006 (updated annually till 2013).
6. Smith RC, **Dwamena FC**, Fortin AH. Overview on the Diagnosis of Medically Unexplained Symptoms, In Up To Date, Burton D. Rose ed. Wellesley, MA 2006 (updated annually till 2013).
7. **Dwamena FC**. Pelvic Pain In *Patient History: Evidence-Based Approach 2nd ed*. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/McGraw-Hill, 2012
8. **Dwamena FC**, Fortin A, Smith RC. Patient-centered interview In *Patient History: Evidence-Based Approach 2nd ed*. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/McGraw-Hill, 2012

9. Fortin AH, **Dwamena FC**, Smith RC. Doctor-centered interview In Patient History: Evidence-Based Approach 2nd ed. Editors- Lawrence M. Tierney, Jr. and Mark C. Henderson. Lange Medical Books/MaGraw-Hill, 2012

Internet Resources

1. Fortin AH, **Dwamena FC**, Smith RC Integrated patient-centered and doctor-centered Interviewing. Doc.Com: an interactive learning resource for healthcare communication. Novack D and Bill Clark editors.
<http://webcampus.drexelmed.edu/doccom/>
2. **Dwamena FC**, Milan F, Fortin AH, Smith RC Medically Unexplained Symptoms. Doc.Com: an interactive learning resource for healthcare communication. Novack D and Bill Clark editors.
<http://webcampus.drexelmed.edu/doccom/>

Special Reports

1. Committee on Gulf War and Health: Treatment for Chronic Multisymptom Illness. Board on Health of Select Populations. Gulf War and Health Volume 9 December 2012.

COMMUNITY ACTIVITIES

1. Success Secrets of Focus, International Women's Success Conference, Lansing MI, 2005
2. Faculty, The Engaged Patient: Getting the Most out of Your Doctor's Visit, Michigan State University Evening College Program, October 25, 2007.