Date: January 30, 2007

UNIVERSITY OF KANSAS SCHOOL OF MEDICINE
FACULTY CURRICULUM VITAE

PERSONAL DATA

Name: Edward F. Ellerbeck, M.D, M.P.H.
Current Academic Rank: Associate Professor
Department(s): Preventive Medicine
Internal Medicine

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University of Kansas Medical Center
Department of Preventive Medicine
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PROFESSIONAL DEVELOPMENT

Undergraduate and Graduate Education:

Years (Inclusive)	Degree	Institution
1976--1980	B.A.	University of Missouri-Kansas City
1976--1982	M.D.	University of Missouri-Kansas City
1987--1988	M.P.H.	Johns Hopkins University School of Hygiene and Public Health Department of Epidemiology

Postgraduate Education:

Years (Inclusive)	Area of Study	Institution
7/82-6/85	Resident (Internal Medicine)	University of Missouri-Kansas City Consortium for Health Education Affiliated Hospitals
7/85-6/86	Chief Resident (Internal Medicine)	University of Missouri-Kansas City Consortium for Health Education Affiliated Hospitals
7/87-6/89	Resident (Preventive Medicine)	Johns Hopkins University School of Hygiene & Public Health Department of Epidemiology

7/90-6/92	Fellow (General Internal Medicine)	Johns Hopkins University School of Medicine
9/90-5/91	Teaching Skills Faculty Development Course (250 hours)	Francis Scott Key Medical Center Johns Hopkins University School of Medicine
9/91-5/92	Curriculum Development Faculty Development Course (250 hours)	Francis Scott Key Medical Center Johns Hopkins University School of Medicine

Academic and Other Professional Appointments and Activities:

Month and Year	Position	Institution
8/86-5/87	Assistant Professor	University of Missouri-Kansas City
9/87-6/88	Staff Physician (part-time)	Maxicare/Healthamerica
9/87-6/88	Staff Physician (part-time)	Health Care for the Homeless
9/88-6/89	Short Term Consultant	World Health Organization Control of Diarrhoeal Diseases
7/89-6/90	Research Associate	Johns Hopkins University School of Hygiene and Public Health Center for Immunization Research
7/92-5/95	Medical Officer	Health Care Financing Administration Office of Peer Review Baltimore, MD
4/93-5/94	Staff Physician (part-time)	Health Care for the Homeless
5/95-4/97	Medical Officer	Health Care Financing Administration Medical Review Branch Kansas City, MO
11/95-4/97	Clinical Assistant Professor	University of Kansas Medical Center Division of General Internal Medicine
5/97-Present	Associate Professor of Preventive Medicine	University of Kansas Medical Center Department of Preventive Medicine
5/97-Present	Associate Professor of Medicine	University of Kansas Medical Center Department of Internal Medicine
8/00-Present	Associate Professor	University of Kansas Medical Center School of Nursing

9/05-11/06	Interim Chair	University of Kansas Medical Center Department of Preventive Medicine
11/06-Present	Chair	University of Kansas Medical Center Department of Preventive Medicine

Professional Registration/Licensure:

	Year	Number	State
Issued:	6/14/85	04-20890	Kansas
Issued:	7/6/87 (inactive)	D35403	Maryland
Issued:	3/19/84 (inactive)	R7D47	Missouri

Professional Certification(s):

Date	Board
7/1/83	National Board of Medical Examiners
9/11/85	American Board of Internal Medicine
1/28/91	American Board of Preventive Medicine

Professional Societies and Affiliations:

Year	Organization (including offices held)
1995-Present	American College of Physicians
1997-Present	Society of General Internal Medicine
1999-Present	KUMC Wahl Society
2001-Present	Medical Affairs Section, AHQA
2002-Present	Kansas Cancer Institute
2006-Present	Society for Research on Nicotine and Tobacco
2006-Present	Association for Prevention, Teaching, and Research

Honors and Awards:

Year	**Award**
2002	Nominated for the Chancellor's Distinguished Teaching Award
2001	Honorable mention. Peter Reizenstein Prize; (Best Paper in 2000; Int J for Quality in Health Care) International Society for Quality in Health Care
2000	Kansas Public Health Association Materials Contest Award 1st Place
1994	Administrator's Citation Health Care Financing Administration
1988	Delta Omega Society Johns Hopkins University School of Hygiene
1985	Sirridge Award for Excellence in Internal Medicine (Residency)
1982	Lange Publications Award (Medical School)

TEACHING ACTIVITIES:

Brief statement of areas of teaching interest:

Since my appointment to the University of Kansas, I have devoted in excess of 30% of my time towards teaching. This teaching consists of four distinct activities: 1) Formal teaching of medical students in required Preventive Medicine courses; 2) Clinical teaching; 3) Advising of graduate students; and 4) Research mentorship. Throughout all of these teaching activities, I try to encourage learner-centered education with a strong emphasis on students identifying and learning from their own resource materials.

1) Health of the Public: I developed this course shortly after my arrival at the University of Kansas and have been the director since its inception in 1997. The primary purpose of this course is to provide 4th year medical students with skills and understanding of the 'population-wide forces' that influence medical care. In this 4-week course, students address a variety of themes including health care finance, access to care, behavioral approaches to population health, evidence-based medicine, measuring and improving quality of care, occupational health and environmental health. Students are required to work on a project that will provide them with practical experience in tackling a population-health issue. Clearly, the most rewarding aspect of teaching this course is mentoring students on these projects.

2) Clinical teaching: I have the opportunity to teach medical students and residents one month each year on the inpatient general medicine service and ½ day each week in the general medicine clinic. I also provide opportunities each year for 2nd year medical students to work with me in my own ½ day per week clinic. I have two primary goals for my clinical teaching. First, I want to instill in both residents and students a deep sense of duty, commitment, and respect for their patients regardless of their medical condition. Second, I try to foster an appreciation for life-long learning. This second goal fits very nicely with my frequently Socratic style of teaching. Although I ask students and residents many questions, I encourage them to admit when they don't know an answer and then we work together to find the answer.

3) Advising of graduate students: Each year I advise MPH students, participate on their thesis committees and assist them with their practicum or thesis experience. I have also had the privilege of working with both master and doctoral level nursing students on their research project or thesis. Again, for these activities, I try to serve as a coach as the student goes through the learning process. I frequently, however, need to provide concrete assistance in organization of their activities.

4) Research mentorship: I have also provided research mentorship to other faculty such as Dr. Kimberly Engelman, who has now received her own independent funding with a large ACS grant. I have mentored Dr. Patricia Howard and Dr. Theresa Shireman in efforts to analyze large Medicare datasets. Again this relationship has led to several publications and an two AHA grants for Dr. Shireman. I have also mentored Dr. Andrea Charbonneau who also recently received an AHA grant.

Didactic (e.g.: lectures and formal presentations):

Academic			Instruction		Student	
Year	Course	Title	Type	Hours	No	Type
1997-98	PRVM960	Hlth of the Public	lectures	15	9	4th yr MS
1998-99	PRVM960	Hlth of the Public	lectures	75	140	4th yr MS
1999-00	PRVM960	Hlth of the Public	lectures	75	140	4th yr MS
1999-00	HPM	Outcomes Series	lecture	3	20	HPM
2000-01	PRVM960	Hlth of the Public	lectures	75	140	4th yr MS
2000-01	HPM	Outcomes Series	lecture	3	20	HPM
2001-02	PRVM	Clinical Prev Med	lectures	2	2	MPH
2001-02	PRVM960	Hlth of the Public	lectures	75	140	4th yr MS
2001-02	HPM	Outcomes Series	lecture	3	20	HPM
2002-03	PRVM	HPDP	lecture	1	175	1st yr MS

2002-03	PRVM960	Hlth of the Public	lectures	75	140	4th yr MS
2003-04	PRVM	HPDP	lecture	1	175	1st yr MS
2003-04	PRVM960	Hlth of the Public	lectures	48	140	4th yr MS
2003	HPM	Outcomes Man	lecture	2	8	HPM
2004-05	PRVM	HPDP	lecture	1	175	1st yr MS
2004-05	PRVM	CEP	lecture	3	175	2nd yr MS
2004	HPM	Outcomes Man	lecture	2	10	HPM
2004-05	PRVM960	Hlth of the Public	lectures	48	140	4th yr MS
2005	HPM	Outcomes Man	lecture	2	10	HPM
2005-06	PRVM	HPDP	lecture	1	175	1st yr MS
2005-06	PRVM	CEP	lecture	3	175	2nd yr MS
2005-06	PRVM960	Hlth of the Public	lectures	6	140	4th yr MS
2006-07	PRVM960	Hlth of the Public	lectures	6	140	4th yr MS

Nondidatic (e.g.: workshops, labs and discussion groups):

Academic			Instruction		Student	
Year	Course	Title	Type	Hours	No	Type
1997-98	PRVM960	Hlth of the Public	workshops	12	9	4th yr MS
1997-98		Physical diagnosis	lab	12	20	2nd yr MS
1997-98		Ambulatory Medicine	workshop	12	105	3rd yr MS
Spring 98	PRVM890	Res Comm Health – Klemp		6	1	MPH
Sum 98	PRVM 806	Special Topics in Comm Health	lectures/ seminar	24	3	MPH Students
Fall 98	PRVM891	Comm Health Pract	discuss	8	1	MPH
Fall 98	PRVM899	Thesis-Gessert, Klemp, Leiker		16	3	MPH
1998-99		Physical diagnosis	lab	4	20	2nd yr MS
1998-99	PRVM960	Hlth of the Public	workshops	60	140	4th yr MS
Fall 99	PRVM840	Clinical Epidem.	workshops	15	10	MPH & fellows
Spring 99	PRVM899	Thesis-Leiker, Gessert, Klemp		16	3	MPH
Spring 99	PRMV893	Com Hlth Proj-Sodeinde		8	1	MPH
Spring 99	PRVM890	Res Comm Hlth-Salman	8	1	MPH	
Sum 99	PRVM899	Thesis-Leiker	discussion	8	1	MPH
Fall 99	PRVM899	Thesis-Salman	discussion	12	1	MPH
Fall 99		HPDP	workshop	2	15	1st yr MS
Fall 99	PRVM891	Practicum-Tian	discussions	8	1	MPH
1999-00	PRVM960	Hlth of the Public	workshops	60	140	4th yr MS
Spring 00	ICM – Ethics workshop		workshop	3	15	1st yr MS
2000-01	PRVM960	Hlth of the Public	workshops	60	140	4th yr MS
Fall 00	NRSG898	Res Proj Director Peggy Miller	discussions	8	1	Nursing
Spring 01	NRSG898	Res Proj Director Lora Utech	discussions	8	1	Nursing
Spring 01	NRSG898	Res Proj Director Steve Miller	discussions	8	1	Nursing
Sum 2001	NRSG898	Res Proj Director Jennifer Eisenbarth	discussions	8	1	Nursing
2001-02	PRVM960	Hlth of the Public	workshops	60	140	4th yr MS
Spr 2002	NRSG898	Res Proj Director Michelle Epperson	discussions	8	1	Nursing
Sum 2002	PRVM899	Thesis- Wyatt	discussion	8	1	MPH
Fall 2002	ICM	Physical Dx	workshop	1	10	2nd yr MS
2002-03	PRVM960	Hlth of the Public	workshops	50	140	4th yr MS

2003-04	PRVM960	Hlth of the Public	workshops	50	140	4th yr MS
2004-05	PRVM960	Hlth of the Public	workshops	50	140	4th yr MS
2005-06	PRVM960	Hlth of the Public	workshops	132	140	4th yr MS
2006-07	PRVM960	Hlth of the Public	workshops	132	140	4th yr MS
2006-07	Med Stud	Phase 1	PBLs	20	9	1st yr MS

Clinical:

Academic Year	Hours		Student No	Type	Length of Service
1997-98	176	(supv. Ambul clinic)	4	I.M. Residents	NA
1997-98	16	(private clinic)	1	2nd yr MS	NA
1997-98	60	(inpt service)	5	2 MS and 3 residents	1 month
1998-99	176	(supv. Ambul clinic)	4	I.M. Residents	NA
1998-99	16	(private clinic)	1	2nd yr MS	NA
1998-99	60	(inpt service)	5	2 MS and 3 residents	1 month
1999-00	176	(supv. Ambul clinic)	4	I.M. Residents	NA
1999-00	16	(private clinic)	1	2nd yr MS	NA
1999-00	60	(inpt service)	5	2 MS and 3 residents	1 month
2000-01	176	(supv Ambul clinic)	4	I.M. Residents	NA
2000-01	60	(inpt service)	5	2 MS and 3 residents	1 month
2000-01	16	(private clinic)	1	2nd yr MS	NA
2001-02	176	(supv Ambul clinic)	4	I.M. Residents	NA
2001-02	60	(inpt service)	5	2 MS and 3 residents	1 month
2001-02	16	(private clinic)	1	2nd yr MS	NA
2002-03	176	(supv Ambul clinic)	4	I.M. Residents	NA
2002-03	60	(inpt service)	5	3 MS and 3 residents	1 month
2002-03	8	(private clinic)	1	2nd yr MS	NA
2003-04	176	(supv Ambul clinic)	4	I.M. Residents	NA
2003-04	60	(inpt service)	5	3 MS and 3 residents	1 month
2003-04	8	(private clinic)	1	2nd yr MS	NA
2004-05	176	(supv Ambul clinic)	4	I.M. Residents	NA
2004-05	60	(inpt service)	5	3 MS and 3 residents	1 month
2004-05	8	(private clinic)	1	2nd yr MS	NA
2005-06	176	(supv Ambul clinic)	4	I.M. Residents	NA
2006-07	176	(supv Ambul clinic)	4	I.M. Residents	NA

Master's and Ph.D. theses directed:

Chair of Thesis/Practicum Committee:

Year	Student Name	Thesis title	Degree (Completed /In process)
1998-99	Charles Gessert	Tube Feeding in Advanced Dementia	MPH -- Completed
1998-99	Jennifer Klemp	Impact of a Mobile Mammography Screening Program	MPH -- Completed
1998-99	Janet Leiker	Using Administrative Claims Data for Measuring the Frequency of Preventive Diabetic Clinical Services	MPH -- Completed
1998-99	Victor Sodeinde	Fraudulent Abuse of Medicare and Medicaid Home Health Care Services	MPH -- Completed
1999-00	Ghassan Salman	Development of a Quality Improvement Program for Chronic Obstructive Pulmonary Disease	MPH -- Completed
2000-01	Robbie Sullivan	The Effect of Provider Communication	MPH – Completed

		in Effective Cholesterol Management	
2002-03	David Wyatt	An analysis of the effect of Epidural Analgesia on post-total Joint Replacement Surgery	MPH – In process
2003-04	Richard Dubinsky	Morbidity and Mortality of Patients with Huntingon's Disease	MPH – Completed
2003-04	Mazen Bader	Candidemia in Patients with Diabetes Mellitus	MPH – Completed
2004-05	Jennifer Schrimsher	Antimicrobial Usage and Resistance Rates	MPH – Completed

Advising (Thesis committee/student academic group/individual):

Date	Student or group name	Type of Student/group
1997	Elizabeth Hannah, D.V.M.	M.P.H. thesis or practicum committee member: Use of Angiotensin Converting Enzyme Inhibitors in Patients with Congestive Heart Failure; 1997
1997	Marian Jamison	Doctoral Nursing Student Project Advisor
1998	Cindy Hornberger	Doctoral Nursing Student Project Member of Dissertation Committee Student successfully applied for a HCFA dissertation grant
1997-98	Jennifer Klemp Charles Gessert	MPH Advisor
1997-99	Ghassan Salman	Primary Care Fellowship
1998-99	Patricia Howard	Senior Faculty Mentor for Faculty General Research Proposal: Evaluating the Effectiveness ACE-I therapy in the Kansas Medicaid population using the Kansas Medicaid Database
1998-99	Vidya Sharma, M.D.	Variability in Utilization of Emergency Departments What Drives it?
1998-99	Charles Gessert Jennifer Klemp	MPH Advisor
1999-00	Kathryn Veal Tomas Griebling	MPH Advisor
2000-01	Tomas Griebling Kathryn Veal	MPH Advisor
2001-02	Vicki Ross	Doctoral Nursing Student Project Member of thesis committee 'Central venous catheter related infections and the systemic inflammatory response'
2001-02	Jennifer Eisenbarth	MSN Thesis committee
2001-02	Tomas Griebling Kathryn Veal	MPH Advisor
2002-03	Phong Hu Tomas Griebling	MPH Advisor
2003-04	Tomas Griebling	MPH Advisor
	Amy Morgan	MPH Advisor
	Joseph So	MPH Advisor
	Laura Mussulman	MPH Advisor
	Genevieve Casey	MPH Advisor
	Richard Dubinsky	MPH Thesis Chair
	Mazen Bader	MPH Thesis Chair

2004-05	Tomas Griebling	MPH Advisor
	Joseph So	MPH Advisor
	Laura Musselman	MPH Advisor
	Jennifer Raymond	MPH Advisor
2005-06	Tomas Griebling	MPH Advisor
	Joseph So	MPH Advisor
	Laura Musselman	MPH Advisor
	Jennifer Raymond	MPH Advisor
	Manoj Sharma	MPH Advisor
	Katherine Southall	MPH Advisor
2006-07	Laura Musselman	MPH Advisor
	Jennifer Raymond	MPH Advisor
	Steven Allen	MPH Advisor
	Kelsie Cropp	MPH Advisor
	Ann Davis	MPH Advisor
	Melissa Garber	MPH Advisor
	Manoj Sharma	MPH Advisor
	Katherine Southall	MPH Advisor

Educational materials (films, educational tapes, syllabi, educational software packages, courses developed, Web courses):

Year	Title Description	Intended Audience
2000	Improving care in diabetes* (www2.kumc.edu/instruction/medicine/diabetes)	Primary care physicians & nurses
2000	Improving delivery of preventive services* (www2.kumc.edu/instruction/medicine/prevention)	Primary care physicians & nurses

*Both of these were co-authored with Kimberly Engelman, Ph.D.

Other teaching activities:

"Implementing Preventive Health Care." Kansas Health Quality Forum, Wichita, KS, January 9, 1998.

"Screening for Cancer." Greater Kansas City Internal Medicine Board Review Course, Kansas City, MO, July 27, 1998.

"Screening Programs and How to Use Them." Corporate Wellness Programs --Partnering for Improved Outcomes, Kansas Purchaser-Provider Initiative, Topeka, KS, June 8, 1999.

"Quality of Care for Acute Myocardial Infarctions." Stormont-Vale Hospital, Topeka, KS, August 20, 1998.

"Health Maintenance and Adult Immunizations." University of Kansas Medical Center, Internal Medicine Conference, Kansas City, KS, September 10, 1998.

"Assessing Quality of Care in Congestive Heart Failure," Mid-America Heart Institute Grand Rounds, Kansas City, MO, October 8, 1998.

"Quality of Care for Acute Myocardial Infarctions." Shawnee Mission Medical Center, Kansas City, MO, October 21, 1998.

"Quality of Care for Acute Myocardial Infarctions." Russell Hospital, Russell, KS, December 7, 1998.

"Measuring Quality of Care." Community Health Seminar, University of Kansas Medical Center, Kansas City, KS, March 19, 1999.

"Quality of Care for Acute Myocardial Infarction: Seminar and Workshops." Voluntary Hospitals of America, Omaha, NE, March 25-26, 1999.

"Quality of Care for Acute Myocardial Infarction." Halstead Hospital, Halstead, KS, March 30, 1999.

"Changing Practice Behaviors: An example from cardiology." Health Services Outcomes, Kansas City, KS, April 14, 1999.

"Interpreting Clinical Laboratory Tests." American Academy of Family Physicians Board Review Course, Kansas City, MO, April 16, 1999.

"Improving Care for Family Medicine Patients with COPD." Primary Care Grand Rounds, University of Kansas Medical Center, Kansas City, KS, July 1, 1999.

"Screening for Cancer." Greater Kansas City Internal Medicine Board Review Course, Kansas City, MO, July 26, 1999.

“Quality of Care in the Post-MI Patient.” Family Practice Kansas ’99, Wichita, KS, April 16, 1999.

“Changing Practice Behaviors.” Regent’s Center, Pam Duncan’s Outcomes course, April 14, 1999.

“Service-based learning.” KUMC, Primary Care Research Seminar, July 8, 1999.

“Quality of care in CHF.” Topeka Holidome, October 28, 1999.

“Measuring and improving care for AMI.” Topeka Holidome, October 28, 1999.

“Changing Practice Behaviors.” Regent’s Center, Pam Duncan’s Outcomes course, April 12, 2000.

“Office Systems to Enhance Diabetes Management.” Family Practice Kansas 2000, Wichita, KS, April 14, 2000.

“Early Detection of Breast Cancer.” Annual Meeting of the Kansas Association of Osteopathic Medicine, Overland Park, KS, April 15, 2000.

"Bridging the 'Knowledge-Performance Gap' in Preventive Medicine." University of Kansas Medical Center Internal Medicine Grand Rounds, Kansas City, KS, August 9, 2000.

"Engaging students in primary care research" University of Kansas Medical Center Family Medicine Research Day - Plenary Session, Kansas City, KS, October 25, 2000.

"Revamping Your Office Systems to Better Handle Chronic Illnesses and Preventive Care." 20th Annual Family Practice Program, Wichita, KS, December 1, 2000

“Diabetes and the Workplace.” Mid America Coalition for Health Care, Kansas City, KS, January 17, 2001.

“The Health Care Quality Improvement Program.” Augusta Hospital, Augusta, KS. February 20, 2001.

“Patient Characteristics Associated with Physician Smoking Cessation Counseling, IRS Seminar, University of Kansas Medical Center, Kansas City, KS. September 6, 2001.

"Local Initiatives in Cardiovascular Health Services Research". American Heart Association- Kansas City Affiliate, Kansas City, MO. December 13, 2001

"Wyandotte County Diabetes Improvement", Co-facilitated workshop. Kansas City, KS. February 8, 2002

"Progress in Kansas on Hospital Quality Improvement Projects" Kansas Quality Forum, Wichita, KS. April 4, 2002

"Quality improvement in Nursing Homes", Kansas Association of Nursing Home Directors, Overland Park, KS. April 16, 2002

"Hospital-based smoking cessation: Medicare data and opportunities for future research", Tobacco Control Program, University of Kansas Medical Center. May 13, 2002

"Addressing Errors of Omission in Diabetes and Preventive Care", Shawnee County Medical Society. November 12, 2002

"The Breakthrough Collaborative Process for Quality Improvement", Kansas Surgical Infection Collaborative, Topeka, KS. January 23, 2003

"Preventing Medical Errors", Kansas University Mini-Med School, Johnson County Community College. Olathe, KS, October 21, 2003

"National Initiatives in Cardiovascular Quality", Kansas Heart Collaborative, Wichita, KS, October 31, 2003

"Change Ideas for Improving Cardiovascular Care", Kansas Heart Collaborative, Wichita, KS, October 31, 2003

"Progress to date in Pneumonia Care" Kansas Pneumonia Collaborative, Topeka, KS, November 6, 2003

"SPREAD" Kansas Pneumonia Collaborative, Topeka, KS, November 6, 2003

"Smoking Cessation for Hospitalized Patients", Presentation to Regional VHA membership monthly conference, Kansas City, KS March 24, 2004

"Translating Reasearch into Practice: Assuring that all Cardiac Patients Receive State-of-the-Art Treatment", Hayes, KS, October 18,2004

"Getting from Here to There: The New Model of Family Medicine" 24th Annual Family Medicine Winter Symposium, Wichita, KS, December 4, 2004

"Maximizing Our Ability to Prevent Surgical Infections" 6th Annual Medicine in the New Millennium Symposium, Topeka, KS, January 27, 2005

"Quality Update 2005" Kansas Academy of Family Physicians Annual Meeting. Wichita, KS. June 17, 2005

"National Initiatives for EHR implementation" EHR Roadshow. Independence, MO. June 23, 2005.

"Smoking Cessation: What works and what doesn't" 14th Annual Pulmonary Symposium. St. Francis Health Center. Topeka, KS November 2, 2006

"Cessation Pharmacology" Kansas Tobacco Control Summit 2006. Wichita, KS November 13, 2006

RESEARCH AND SCHOLARLY ACTIVITIES:

Brief statement of areas of research interest and current projects underway:

Dr. Ellerbeck's primary research interest is in measuring and improving quality of care. This research work began during the five years that Dr. Ellerbeck worked at the Health Care Financing Administration directing a national project to measure and improve care for Medicare patients with acute myocardial infarction. At that time he also worked on preliminary efforts for national quality improvement projects in congestive heart failure and preventive health care. Since joining the University of Kansas, Dr. Ellerbeck has continued his efforts to examine quality and outcomes of care of patients with cardiovascular diseases and has expanded his research activities into descriptive and interventional research in preventive health care, mammography, and smoking cessation.

Preventive care and mammography
Based on their work together under the KFMC contract, Dr. Engelman and Dr. Ellerbeck have published a series of articles on colorectal cancer screening, mammography, and academic detailing. Based on their work on this contract, Dr. Engelman was able to obtain a CRFA training grant. Their work together also led to Dr. Engelman's ACS grant to examine patient satisfaction with mammography services. They are completing reports on variations in repeat mammography rates and the relationship between mammography satisfaction and repeat mammograms.

Cardiovascular care
Through the KFMC contract Dr. Ellerbeck has been able to access a variety of Medicare datasets for patients with cardiovascular diseases. With Pat Howard, Pharm.D. in the School of Pharmacy, they have analyzed quality of care for patients with atrial fibrillation, leading to several publications. This work also led to grants from the American Heart Association.looking at the relationship between hospital infrastructure and quality of care for AMI and examining the relationship between warfarin, aspirin, and bleeding in Medicare patients with atrial fibrillation.

Smoking cessation
Since 1992, the Department of Family Medicine has had a summer research program for medical students working with rural physicians. In 1999, Dr. Ellerbeck began to work with these students to conduct an observational study of smoking cessation and other preventive services. This study has now led to four peer-reviewed publications. More importantly, this work has formed the foundation for a 3 million dollar grant funded by the NCI to conduct an intervention to improve smoking cessation services in rural primary care. Dr. Ellerbeck is the PI on this grant.

Grant and contract support: (Information must include whether the nominee is the principal investigator or a co-investigator, names of all investigators, title of grant, funding source, dollar amount in direct costs, and years during which grant applies. Please describe in sufficient detail your contribution as co-investigator.)

Previous grants and contracts:

Principal Investigator	Investigators	Title of Grant	Funding Source	Direct Costs	Years	Status

Iowa Foundation for Medical Care. Support to Quality Improvement Organization
Principal Investigator – Edward Ellerbeck (contract)
$70,0008/1/1997 – 5/31/1999 (Direct: $70,000)
This contract was designed to support their efforts to improve AMI care in Iowa, Illinois, and Nebraska. I was lead their analysis of their quality improvement efforts for this project.

Kansas Foundation for Medical Care. Support to Quality Improvement Organization
Principal Investigator – Edward Ellerbeck (contract)
$45,0008/1/1997 – 7/31/1999 (Direct: $45,000)
In this contract, I advised KFMC on the conduct of their quality improvement activities, primarily for effort to improve care for AMI and CHF in Kansas hospitals.

Hartford Foundation, Geriatrics Training Grant. Quality of cardiovascular care.
Principal Investigator – Stephanie Studenski
$15,0001/1/1998 – 12/31/1999 (Direct: $15,000)
With this training grant, I was able to perform more intense analyses of data on quality of care for Medicare patients hospitalized with AMI or CHF in the state of Kansas. This activity directly led to an AHA grant.

KUMC Research Institute. Improving Quality and Outcomes of Care for Patients with COPD
Principal Investigator – Edward Ellerbeck
$21,9081/1/1998 – 12/31/1999
This grant was used to perform a pilot study of quality improvement activities in the Family Medicine clinic at KU Medical Center.

Kansas Foundation for Medical Care. Subcontract to Health Care Financing Administration Quality Improvement Contract
Principal Investigator: Edward Ellerbeck
Co-Investigators: Kimberly Engelman, Patricia Howard, Michael Mosier
$754,657 8/1/99-7/31/02 (Direct: $598,934)
This contract was a follow-up to the previous KFMC contract but placed me as the primary medical advisor for Medicare-related quality improvement activities in Kansas. This contract led to collaboration with Patricia Howard to examine quality of care for atrial fibrillation and with Kimberly Engelman to examine delivery of mammography services in Kansas. This also lead to a project on academic detailing to improve preventive care and diabetes care in the state.

American Heart Association. Structural Measures of Quality for Acute Myocardial Infarction
Principal Investigator: Edward Ellerbeck
Co-Investigators: Michael Mosier
$257,473 1/1/00-12/31/03(Direct: $231,726) 15% salary support
This grant provides for the design and implementation of a survey of Kansas hospitals to examine infrastructure for AMI care. The results of this survey will be used to examine the relationships between hospital infrastructure and quality of care.

American Heart Association. Impact of combined warfarin-aspirin use on bleeding in patients with atrial fibrillation
Principal Investigator: Theresa Shireman
Co-Investigators: Edward Ellerbeck, Patricia Howard, Timothy Kresowik
7/1/01-6/31/03 (Direct: $110,000) 0% salary support
This grant provides us with access to a national Medicare dataset on patients hospitalized with atrial fibrillation and will allow us to examine the relationship between warfarin, aspirin and bleeding complications. My role in this project is to provide advice on Medicare datasets, offer clinical input, and review analytic plans.

Association of American Medical Colleges and the Centers for Disease Control and Prevention. Regional Public Health-Medicine Educational Center. Principal Investigator: Frazier LM. Co-Investigators: Choi W, Richter K, Ellerbeck E, Surprenant Z, Greiner A. 2003-2004. $46,295 (direct costs), $49,999 (total costs).

(Greiner) 7/1/03–6/30/05

Sunflower Foundation $137,598
Assessing Obesity in Rural Kansas Primary Care Practices
Ellerbeck E (Co-Investigator) 5% (in-kind)

Kansas Foundation for Medical Care. Subcontract to Centers for Medicare and Medicaid Services Quality Improvement Contract
Principal Investigator: Edward Ellerbeck
Co-Investigator: Mary Virden
$455,906 8/1/02-7/31/05 (Direct: $361,830) 35% salary support
This contract is a follow-up to the previous KFMC contract to continue my role as the primary medical advisor for Medicare-related quality improvement activities in Kansas. In this contract we will design and implement new projects to improve AMI, CHF, and pneumonia care in Kansas hospitals. We will also launch a surgical infection prevention project, revise our academic detailing to improve preventive care and diabetes care, and focus our mammography efforts on reducing rural disparities.

American Cancer Society. The Impact of Mammography Facility Characteristics on Patient Satisfaction
Principal Investigator: Kimberly Engelman
Co-Investigators: Edward Ellerbeck, Jasjit Ahluwalia, Matthew Mayo
$725,433 7/1/02-6/30/06 (Direct: $635,567) 10% salary support
In this grant to examine the relationship between patient satisfaction and mammography facility characteristics, I will provide assistance in the design and analysis of both mammography facility surveys and patient satisfaction surveys.

American Heart Association. Development of a Contemporary Bleeding Risk Model for Elderly Warfarin Recipients.
Principal Investigator: Theresa Shireman
Co-Investigators: Edward Ellerbeck, Patricia Howard, Timothy Kresowik
$150,000 7/1/03-6/31/05 (Direct: $130,000) 5% effort (in kind)
This grant provides us with access to a national Medicare dataset on patients hospitalized with atrial fibrillation and will allow us to develop a new model to predict hemorrhagic complications in patients discharged on warfarin. My role in this project is to provide advice on Medicare datasets, offer clinical input, and review analytic plans.

Health Resources and Services Administration. Patients in Diverse Communities.
Principal Investigator: Joshua Freeman
Co-Investigators: Allen Greiner, Koawole Okuyemi, Jasjit Ahluwalia, Edward Ellerbeck, Maiko Ebersole, Changyong Feng
9/1/03-8/31/06 (Direct: $510,000) 5% effort
This grant would provide infrastructure funding for practice-based research to address health disparities in both rural and urban settings. My role on this project is to provide input into research in primary care practices.

American Heart Association, Heartland Affiliate, Beginning Grant-in-Aid #0560057Z
Addressing Obesity in Rural Primary Care
Principal Investigator: Andrea Charbonneau
Co-Investigators: Edward Ellerbeck, Jasjit Ahluwalia
$150,000 1/1/05 through 12/31/06 (Direct: $130,000) 5% effort (in-kind)
This grant will evaluate the efficacy of a chronic care model program for obesity compared with usual care among obese primary care patients in the Kansas practice-based research network

Current grants and contracts:

7 R01 CA101963-02 (Ellerbeck) 7/9/03-6/30/08 22%
National Cancer Institute $442,353
Disease Management for Smokers in Rural Primary Care
Create a registry of smokers in 20 primary care practices and examine the impact of a long-term disease management program for smoking cessation.
Role: PI

POP0503504 (Engelman) 5/1/05-4/30/07 3%
Susan G. Komen Breast Cancer Foundation $64,904
Use of a Radiolucent Pad to Reduce Mammography Discomfort among African Americans
Role: Co-Investigator

0560057Z (Charbonneau) 1/1/05-12/31/06 5%
American Heart Association, Heartland Affiliate $65,000
Reducing Obesity in Rural Kansas Primary Care Settings
Evaluate the efficacy of a chronic care model program for obesity compared with usual care among obese primary care patients in the Kansas practice-based research network
Role: Co-Investigator

U50/CCU721289-05 (Lai) 9/01/05-6/30/07 5%
CDC/KDHE $182,236
Kansas Cardiovascular Health Examination Survey
Role: Co-Investigator

9 K30 RR022275-06 Ellerbeck (PI) 09/19/05 – 07/31/10 25%
National Institutes of Health $278,741
KU Medical Center Clinical Research Curriculum Program
Role: PI

1 R01 MH079221-01A2 (Rigler) 4/3/06-3/31/09 5%
National Institutes of Health $212,500
Current Antipsychotics and Fractures in Nursing Homes
Role: Co-Investigator

RSGHP-06-078-01-CPHPS (Engelman) 1/1/06-12/31/09 3%
American Cancer Society, Inc. $159,645
Development of a Comprehensive Mammography Services Quality Index
Role: Co-Investigator

MRSGT-06-084-01-CPPB (James) 1/1/06-12/31/10 4%
American Cancer Society, Inc. $726,000
Perceptions of Colorectal Cancer Screening Among Low Income Adults
Role: Mentor

No Grant Number Ellerbeck (PI) 2/01/06-1/31/07 2%
KUMC Research Institute $35,000
Improving Adherence to a Weight-Loss Program among Obese African American Women
Role: PI/Mentor

1 R21 CA1211907-01 (Engelman) 12/01/05-11/30/07 3%

NIH $113,810
Use of Novel Tailored Reminders in Rural Primary Care
Role: Co-Investigator

1 R01 HL085397-01 (Smith) 7/1/06-6/30/11 10%
National Institutes of Health $494,940
HF Group Clinic Appointments: Rehospitalization Prevention Clinical Trial
Role: Co-Investigator

1 P20 RR023478-01 (Atkinson) 9/1/06-8/31/07 10%
National Institutes of Health $150,000
Planning the Heartland Institute for Clinical Research
Role: Co-Investigator

PUBLICATIONS:

Full length, peer-reviewed articles in scientific journals:

Articles already published:

1. Hamburger S, Koprivica B, Ellerbeck E, Covinski J. Thiazide induced syndrome of inappropriate secretion of antidiuretic hormone: time course of resolution. *JAMA*. 1981; 246:1235-1236.

2. Darr M, Hamburger S, Koprivica B, Ellerbeck E. Hemolytic anemia associated with radiopaque contrast in a patient with hemoglobin SC disease. *South Med J*. 1981; 74:1552.

3. Darr M, Hamburger S, Ellerbeck E. Acid-base and electrolyte abnormalities due to Capreomycin. *South Med J*. 1982; 75:627-628.

4. Ellerbeck EF, Vlahov D, Libonati JP, Salive ME, Brewer TF. Gonorrhea prevalence in the Maryland State Penitentiary. *Sex Trans Dis.* 1989; 16:165-167.

5. Viscidi R, Ellerbeck E, Garrison L, Midthun K, Clements ML, Clayman B, Fernie B, Smith G, and the NIAID AIDS Vaccine Clinical Trials Network. Characterization of serum antibody responses to recombinant HIV-1 gp160 vaccine by enzyme immunoassay. *AIDS Res Hum Retrov*. 1990; 6:1251-1256.

6. Midthun K, Ellerbeck E, Gershman K, Calandra G, et al.. Safety and immunogenicity of a live attenuated hepatitis A virus vaccine in seronegative volunteers. *J Infect Dis*. 1991; 163:735-739.

7. Ellerbeck EF, Lewis JA, Nalin D, Gershman K, Miller WJ, Armstrong ME, Davide JP, Rhoad AE, McGuire B, Calandra G, Provost PJ, Midthun K. Safety profile and immunogenicity of an inactivated vaccine derived from an attenuated strain of hepatitis A. *Vaccine*. 1992; 10:668-672.

8. Cantu TG, Ellerbeck EF, Yun SW, Castine SD, Kornhauser DM. Drug prescribing for patients with changing renal function. *Am J Hosp Pharm*. 1992; 49:2944-2948.

9. Nalin DR, Kuter BJ, Brown L, Patterson C, Calandra GB, Werzberger A, Shouval D, Ellerbeck E, Block SL, Bishop R, et al. Worldwide experience with the CR326F-derived inactivated hepatitis A virus vaccine in pediatric and adult populations: an overview. J Hepatol 1993; 18(Suppl 2):S51-S55.

10. Lambert-Huber DA, Ellerbeck EF, Wallace RG, Radford MJ, Kresowick TF, Gold JA, Allison J. Quality of care indicators for patients with acute myocardial infarction: pilot validation of the indicators. *Clinical Performance and Quality Health Care*. 1994; 2:219-222.

11. Ellerbeck E, Khallaf N, El Ansary KS, Moursi S, Black R. Caretaker compliance with different antibiotic formulations for treatment of childhood pneumonia. *J Trop Pediatr*. 1995; 41:103-108.

12. Ellerbeck EF, Jencks SF, Radford MJ, Kresowik TF, Craig AS, Gold JA, Krumholz HM, Vogel RA. Quality of care for Medicare patients with acute myocardial infarction: report on a four-state pilot of the Cooperative Cardiovascular Project. *JAMA*. 1995; 273:1509-1514.

13.Chin JS, Ellerbeck EF, Jencks SF. Improving preventive health care in Medicare's Health Care Quality Improvement Program. *Am J Prev Med*. 1995; 11:397-401.

14. Krumholz HM, Radford MJ, Ellerbeck EF, Hennen J, Meehan TP, Petrillo M, Wang Y, Kresowik TF, Jencks SF: Aspirin in the treatment of acute myocardial infarction in elderly Medicare beneficiaries: patterns of use and outcomes. *Circulation*. 1995; 92:2841-2847.

15. Krumholz HM, Radford MJ, Ellerbeck EF, Hennen J, Meehan TP, Petrillo M, Wang Y, Jencks SF: Aspirin for secondary prevention after acute myocardial infarction in the elderly: prescribed use and outcomes. *Ann Intern Med.* 1996; 124:292-298.

16. Krumholz HM, Vaccarino V, Ellerbeck EF, Kiefe C, Hennen J, Kresowik TF, Gold JA, Jencks SF, Radford MJ: Determinants of appropriate use of angiotensin converting enzyme inhibitors after cute myocardial infarction in persons ≥ 65 years of age. *Am J Cardiol*. 1997; 79:581-586.

17. Krumholz HM, Murillo J, Chen J, Vaccarino V, Radford MJ, Ellerbeck EF, Wang Y. Thrombolytic therapy for eligible elderly patients with acute myocardial infarction. *JAMA*. 1997; 277:1683-1688,.

18. Krumholz HM, Howes CJ, Murillo JE, Vaccarino LV, Radford MJ, Ellerbeck EF. Validation of a clinical prediction rule for left ventricular ejection fraction after myocardial infarction in patients ≥ 65 years old. *Am J Cardiol.* 1997; 80:11-15.

19. Marciniak TA, Ellerbeck EF, Radford MJ, Kresowik TF, Gold JA, Krumholz HM, Kiefe CI, Allman RM, Jencks SF. Improving the Quality of Care for Medicare Patients with Acute Myocardial Infarction. *JAMA*. 1998; 279:1351-1357.

20. Krumholz HM, Hennen J, Ridker PM, Murillo J, Wang Y, Vaccarino V, Ellerbeck EF, Radford MJ. Use and effectiveness of intravenous heparin therapy for treatment of acute myocardial infarction in the elderly. *J Am Coll Cardiol.* 1998; 31:973-979.

21. Marciniak TA, Mosedale L, Ellerbeck EF. Quality improvement at the national level: lessons from the Cooperative Cardiovascular Project. *Eval Health Prof.* 1998; 21:525-536.

22. Quality of Care and Outcomes Research in CVD and Stroke Working Groups. Measuring and improving quality of care: a report from the American Heart Association/American College of Cardiology First Scientific Forum on Assessment of Healthcare Quality in Cardiovascular Disease and Stroke. *Circulation*. 2000; 101:1483-1493.

23. Kresowik TF, Hemann RA, Grund SL, Hendel ME, Brenton M, Wiblin T, Adams HP, Ellerbeck EF. Improving the outcomes of carotid endarterectomy: results of a statewide quality improvement project. *J Vasc Surg* 2000; 31(5):918-926.

24. Ellerbeck EF, Kresowik TF, Hemann RA, Mason P, Wiblin T, Marciniak TA. Impact of quality improvement activities on care for acute myocardial infarction. *Int J Qual Health Care* 2000; 12(4):305-310.

25. Howard PA, Ellerbeck EF. Optimizing beta blocker utilization after acute myocardial infarction. *Am Fam Phys*. 2000;62:1853-1860.

26. Sharma V, Simon SD, Bakewell JM, Ellerbeck EF, Fox MH, Wallace DD. Factors influencing infant visits to emergency departments. *Pediatrics* 2000; 106(5):1031-1039.

27. Kresowik TF, Bratzler D, Karp HR, Hemann RA, Hendel ME, Grund SL, Brenton M, Ellerbeck EF, Nilasena DS. Multistate utilization, processes, and outcomes of carotid endarterectomy. *J Vasc Surg.* 2001; 33(2 Pt 1):227-235.

28. Engelman KK, Ellerbeck EF, Totten B. Improving systems of preventive care via academic detailing by medical students. *Acad Med.* 2001;76(5):565-566.

29. Howard PA, Ellerbeck EF, Engelman KK, Dunn MI. Warfarin for stroke prevention in octogenarians with atrial fibrillation. *Amer J Geriat Cardiol*. 2001;10:139-144.

30. Ellerbeck EF, Ahluwalia JS, Jolicoeur DG, Gladden J, Mosier MC. Direct observation of smoking cessation activities in primary care practice. *Journal of Family Practice.* 2001; 50(8):688-693.

31. Dismuke SE, Burns BW, Moranetz CA, Ellerbeck E. Curriculum assessment for prevention topics and the population perspective. *Amer J Prev Med*. 2001; 20(4):286-290.

32. Ellerbeck EF, Engelman KK, Gladden J, Mosier MC, Raju GS, Ahluwalia JS. Direct Observation of Counseling on Colorectal Cancer in Rural Primary Care Practices. *J Gen Intern Med*. 2001; 16(10):697-700.

33. Engelman KK, Ellerbeck EF, Ahluwalia JS, Nazir N, Velasco A. Fecal occult blood test use by Kansas Medicare beneficiaries. *Prev Med*. 2001;33:622-626.

34. Engelman KK, Hawley D, Gazaway R, Mosier MC, Ahluwalia JS, Ellerbeck EF. Impact of geographic barriers on the utilization of mammograms among older rural women, *J Amer Geriatr Soc*. 2002;50:62-68.

35. Sullivan RA, Ellerbeck, EF, Perera S. The role of provider communication in effective cholesterol management. *Prev Med Managed Care*. 2002;3(2):43-52.

36. Howard PA, Shireman TI, Dhingra A, Ellerbeck EF, Fincham JE. Patterns of ACE inhibitor use in elderly Medicaid patients with heart failure. *Am J Geriatr Card*. 2002;11(5):287-94.

37. Howard PA, Ellerbeck EF, Engelman KK, Patterson KL. The nature and frequency of potential warfarin drug interactions that increase bleeding risk in patients with atrial fibrillation. *Pharmacoepidemiology and Drug Safety*. 2002;11:569-76.

38. Spertus JA, Radford MJ, Every NR, Ellerbeck EF, Peterson ED, Krumholz HM. Challenges and opportunities in quantifying the quality of treatment for acute myocardial infarction: summary from the AMI Working Group of the AHA/ACC 1st Scientific Forun on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke. *Circulation*. 2003;107(12):1681-91.
(Simultaneously published in *J Am Coll Cardiol* 2003; 41(9):1653-63.

39. Ellerbeck EF, Choi WS, McCarter K, Jolicoeur DG, Greiner A, Ahluwalia JS. Impact of patient characteristics on physician's smoking cessation strategies. *Prev Med*. 2003;36(4):464-70.

40. Foody JM, Wang Y, Kiefe CI, Ellerbeck EF, Gold J, Radford MJ, Krumholz HM. Long-term prognostic importance of total cholesterol in elderly survivors of an acute myocardial infarction: the Cooperative Cardiovascular Pilot Project. J Am Geriatr Soc. 2003;51(7):930-6.

41. Ellerbeck EF, Totten B, Markello S, Patterson K, Sipe TR, Tilden C. Quality improvement in critical access hospitals: addressing immunizations prior to discharge. *J Rural Hlth*. 2003; 19(4):433-8.

42. Anis NA, Lee RE, Ellerbeck EF, Nazir N, Greiner KA, Ahluwalia JS. Direct observation of physician counseling on dietary habits and exercise: patient, physician and office correlates. *Prev Med*. 2004; 38:198-202.

43. Engelman KK, Ellerbeck EF, Perpich D, Nazir N, McCarter K, Ahluwalia, JS. Office systems and their influence on mammography use in rural and urban primary care. *J Rural Hlth*. 2004; 20(1):36-42.

44. Ellerbeck EF, Engelman KK, Williams NJ, Nazir N, Markello SJ. Variations in diabetes care and the influence of office systems. *Am J Med Qual*, 2004; 19(1):12-18.

45. Shireman TI, Howard PA, Kresowik TF, Ellerbeck EF. Combined anticoagulant-antiplatelet use and major bleeding events in atrial fibrillation patients. *Stroke*. 2004;35:2362-2367.

46. Greiner KA, Engelman KK, Hall MA, Ellerbeck EF. Barriers to colorectal cancer screening in rural primary care. *Prev Med*. 2004; 38(2):198-202.

47. Engelman KK, Ellerbeck EF, Mayo MS, Markello SJ, Ahluwalia JS. Mammography facility characteristics and repeat mammography use among Medicare beneficiaries. *Prev Med*. 2004; 39(3):491-7.

48. Ellerbeck EF, Bhimaraj A, Perpich D. Organization of care for acute myocardial infarction in rural and urban hospitals in Kansas. *J Rural Health*. 2004; 20(4):363-7.

49. Charbonneau A, Bruning W, Titus-Howard T, Ellerbeck E, Whittle J, Hall S, Campbell J, Lewis SC, Munro S. The Community Initiative for Depression: report from a multiphase worksite depression intervention. *J Occ Environ Med*. 2005; 47(1):60-7.

50. Engelman KK, Perpich D, Peterson S, Hall M, Ellerbeck EF, Stanton A., Greiner KA. Cancer information needs in rural areas. Journal of Health Communication. 2005; 10(3): 199-208.

51. Jachna CM, Shireman T, Whittle J, Ellerbeck EF, Rigler S. Differing patterns of anti-resorptive pharmacotherapy among nursing facility residents and community-dwellers. J Am Geriatr Soc 2005; 53:1275-1281.

52. Bader MS, Hinthorn D, Lai SM, Ellerbeck EF. Hyperglycemia and mortality of diabetic patients with candidemia. Diabet Med. 2005 Sep;22(9):1252-7

53. Choi WS, Ellerbeck EF, Kaur H, Nazir N, Ahluwalia JS. Factors Associated with Physician Discussion of Health Behaviors with Adolescents. J Youth Adol. 2006

54. James TM, Greiner A, Ellerbeck EF, Feng, Ahluwalia JS. Disparities in colorectal cancer screening: a guideline-based analysis of adherence. Ethn Dis. 2006; 16:228-33.

55. Berg CJ, Sanderson-Cox L, Nazir N, Mussulman LM, Ahluwalia JS, Ellerbeck EF. Correlates of home smoking restrictions among rural smokers. Nicotine Tob Res. 2006; 8(3):353-60.

56. Engelman KK, Cizik AM, Ellerbeck EF. Women's satisfaction with their mammography experience: results of a qualitative study. Women Health. 2005;42(4):17-35.

57. Smith CE, Koehler J, Moore JM, Blanchard E, Ellerbeck E. Testing videotape education for heart failure. Clin Nurs Res. 2005; 14(2):191-205.

58. Ellerbeck EF, Bhimaraj A, Hall S. Impact of organizational infrastructure on beta-blocker and aspirin therapy for acute myocardial infarction. Am Heart J. 2006; 152(3):579-84.

59. Shireman TI, Mahnken JD, Howard PA, Kresowik TF, Hou Q, Ellerbeck EF. Development of a contemporary bleeding risk model for elderly warfarin recipients. Chest. 2006;130:1390-1396.

Manuscripts in press:

Manuscripts submitted but not yet accepted:

Hutcheson TD, Greiner KA, Ellerbeck EF, Jeffries SK, Mussulman LM, Casey GN. Understanding smoking cessation in rural communities. .

Invited or non-peer-reviewed articles or reviews: (Provide names of all authors, year, title, journal, volume, and pages. If in press, provide documentation.)

Ellerbeck E. Opinion leaders vs. audit feedback to implement practice guidelines (letter). *JAMA*. 1991; 266:1217.

Ellerbeck EF, Marciniak TA. Commentary: ACC/AHA guidelines for the management of patients with acute myocardial infarction. *Abstracts of Clinical Care Guidelines*. 1997; 9(1):7.

Ellerbeck E. Heart Attacks: When Time Really Counts! *To Your Health* (Publication of the Kansas Foundation for Medical Care), April 1998.

Ellerbeck E. A message to health professionals: making your community a no-flu zone. *Rural Clinician Quarterly* 2000; 10(1):1.

Dismuke SE, Ellerbeck E. Research training in population health. (editorial) *Med Educ*. 2001; 35(6):524-525.

Ellerbeck EF. Quality in managed care: promise versus reality. (editorial) *Am J Med*. 2001; 111(1):75-76.

Gold JA, Ellerbeck EF, Vogel RA. Quality improvement organizations and hospital care. (letter) JAMA. 2005; 294(16):2029.

Books and book chapters: (Provide names of all authors, year, book title, chapter title, edition, publisher, and pages. If in press, provide documentation.)

Ellerbeck E. *The rational use of drugs in the management of acute diarrhoea in children*. Geneva: World Health Organization; 1990: 5-57.

Ellerbeck E, Clements ML. AIDS Vaccines. In: Mandell, Douglas, Bennett, eds. *Principles and Practice of Infectious Diseases*, Update 7. New York, NY: Churchill Livingstone Inc.; 1990: 3-15.

Ellerbeck E, Lewis J, Midthun K, Gershman K, Nalin D, McCaughtry M, Provost P, Calandra G. Safety and immunogenicity of an inactivated hepatitis A virus vaccine. In: Hollinger FB, Lemon SM, Margolis HS, eds. *Viral Hepatitis and Liver Disease*. Baltimore, MD: Williams & Wilkins; 1991: 91-93.

Lewis JA, Armstrong ME, Larson VM, Emini EA, Midthun K, Ellerbeck E, Nalin D, Provost PJ, Calandra GB. Use of a live attenuated hepatitis A vaccine to prepare a highly purified formalin-inactivated hepatitis A vaccine. In: Hollinger FB, Lemon SM, Margolis HS, eds. *Viral Hepatitis and Liver Disease*. Baltimore, MD: Williams & Wilkins; 1991: 94-97.

Published abstracts:

Ellerbeck EF, Nicholson GA, Jencks SF. Utilization of aspirin and thrombolysis in Medicare patients with acute myocardial infarction. *Circulation.* 1993; 88(4,2): I-479.

Krumholz HM, Radford MJ, Wang Y, Hennen J, Ellerbeck E. Aspirin for secondary prevention after acute myocardial infarction in Medicare beneficiaries: The Cooperative Cardiovascular Project. *Circulation*. 1995; 92(8): I-46.

Krumholz HM, Radford MJ, Vaccarino V, Wang Y, Hennen J, Ellerbeck E. ACE inhibitors for secondary prevention after acute myocardial infarction in Medicare beneficiaries with left ventricular systolic dysfunction: The Cooperative Cardiovascular Project. *Circulation*. 1995; 92(8): I-46.

LaVoie L, Danner J, Ellerbeck EF, Hannah E, Marciniak TA: Underutilization of influenza vaccination in patients with congestive heart failure. *Circulation*. 1996; 94(8): I-509.

Hannah EL, Pederson JC, Boechler M, Chang J, Ellerbeck EF. Completeness of the discharge plan provided to Medicare patients discharged with congestive heart failure. *Circulation*. 1997; 96(8): I-523.

Ellerbeck EF, Hannah EL, Moormeier JA, Ruane TJ, and the Midwestern Consortium on Quality Improvement in Congestive Heart Failure. Failure to titrate angiotensin-converting enzyme inhibitors in patients hospitalized with congestive heart failure. *J Gen Intern Med.* 1998; 13 (suppl 1): 61.

Howard P, Ellerbeck E. Changes in utilization patterns of beta-blockers after acute myocardial infarction. *Pharmacotherapy.* 1998; 18(5):1141.

Ellerbeck E, Frisch L, Surprenant Z, Dismuke E. Health of the Public. *J Gen Intern Med.* 1999; 14 (suppl 2): 205.

Jolicoeur DG, Salman GF, Holcomb SD, Salmeron M, Ellerbeck EF, Ahluwalia JS. Evaluating smoking cessation efforts for patients with chronic obstructive pulmonary disease. *J Gen Intern Med*. 1999; 14(suppl 2): 103.

Salman GF, Holcomb SD, Jolicoeur DG, Salmeron MI, Ellerbeck EF. Assessment of quality of care for patients with chronic obstructive pulmonary disease. *J Gen Intern Med.* 1999; 14 (suppl 2): 119.

Hannah EL, Pederson JC, Snyder JJ, Moormeier J, Ellerbeck EF. Impact of angiotensin-converting enzyme inhibitor dosage on outcomes in elderly patients with heart failure. *Circulation*. 1999; 100(suppl I); #106376.

Howard PA, Ellerbeck EF, Engelman KK. Predictors of warfarin use in elderly patients with atrial fibrillation. *Pharmacotherapy*. 2000; 20(3):344.

Howard PA, Ellerbeck EF, Engelman KK, Dunn MI. Warfarin for stroke prevention in octogenarians with atrial fibrillation. Society of Geriatric Cardiology. *Am J Geriatric Cardiol*. 2000; 9(2):112.

Ellerbeck EF, Engelman KK, Hornberger CA, Mosier MC, Howard PA. Rural-urban differences in access to reperfusion for acute myocardial infarction. *J Gen Intern Med.* 2000; 15 (suppl 1): 64.

Ellerbeck EF, Engelman KK, Gladden J, Mosier MC, Raju GS, Ahluwalia JS. Direct observation of counseling on colorectal cancer in primary care practice. *J Gen Intern Med.* 2000; 15 (suppl 1): 112.

Ellerbeck EF, Engelman KK, Hawley D, Gazaway R, Mosier MC. Mammography access and utilization among rural Medicare beneficiaries. *The Gerontologist.* 2000:40 (special issue 1):147

Howard PA, Ellerbeck EF, Engelman KK, Patterson K. The Frequency and Nature of Warfarin Drug Interactions that Increase Bleeding Risk in Atrial Fibrillation Patients. *JACC* 2001;37:516A.

Howard PA, Shireman TI, Dhingra A, Ellerbeck EF, Fincham JE. ACE Inhibitor patterns of use in elderly Medicaid patients with heart failure. *Amer J Geriatric Cardiol* 2001;10:118.

Ellerbeck EF, Engelman KK, Mosier MC. Practice-level variance in ambulatory quality of care. *J Gen Intern Med*. 2001; 16(suppl 1): 192-193.

Engelman KK, Ellerbeck EF, Eisenbarth J. Repeat mammogram use among Medicare beneficiaries: The role of mammography facilities. *Annals of Behavioral Medicine*, 2002; 24: S058.

Anis NA, Lee RE, Ellerbeck EF, Nazir N, Ahluwalia JS. Direct observation of physician counseling on dietary habits in rural primary care practices. *J Gen Intern Med* 2002; 17 (suppl 1): 141.

Shireman TI, Mahnken JD, Howard PA, Kresowik TF, Ellerbeck EF, Hou Q. Development of a bleeding risk model for elderly warfarin recipients with atrial fibrillation. *Circulation* 2005;112(suppl II):823.

Oral paper presentations:

Scientific papers presented at national and international meetings:

Ellerbeck E, Viscidi R, Clements ML, Midthun K, Garrison L, Clayman B, Fernie B, Smith G, and the NIAID Vaccine Evaluation Group. "Kinetics, magnitude and duration of antibody responses in HIV-1 rgp160 vaccines." Second Annual Meeting of the National Cooperative Vaccine Development Groups for AIDS. Ft. Lauderdale, FL, October 1989.

Ellerbeck E, Lewis J, Midthun K. Gershman K, Nalin D, McCaughtry M, Provost P, Calandra G. "Safety and immunogenicity of an inactivated hepatitis A virus vaccine." The 1990 International Symposium on Viral Hepatitis and Liver Disease. Houston, TX, April 1990.

Ellerbeck EF, Becker DM, Ford DE, Liss AS, Sigmund WR. II. "Improving cholesterol management by residents in an ambulatory care clinic." The National Conference on Cholesterol and High Blood Pressure Control. Washington, DC, April 1991.

Ellerbeck E, Kresowik T, Hemann R, Mason P, Wiblin T, and Marciniak T. "Relationship Between Hospital Interventions and Improvements in Quality of Care in the Cooperative Cardiovascular Project." Tri Regional PRO/QIO Conference. St. Petersburg, FL, June 1998.

Co-facilitator, Workshop: "Does Our Residency Meet the Needs of Our Community?" Society of General Internal Medicine, 21st Annual Meeting. Chicago, IL, April 24, 1998.

"Reports from Working Groups: Acute Myocardial Infarction." Scientific Forum on Cardiovascular Disease and Stroke Quality of Care and Outcomes Research. American Heart Association. San Diego, CA, May 26, 1999.

Ahluwalia JS, Jolicoeur DG, Ellerbeck E, Gladden J, Hedberg K. Rural physicians: smoking and pharmacotherapy. Society for Research on Nicotine and Tobacco. Arlington, VA, February 16-20, 2000.

Ahluwalia JS, Jolicoeur DG, Ellerbeck E, Gladden J, Hedberg K. Rural physicians: smoking and pharmacotherapy. Society for Behavioral Medicine. Nashville, TN, April 6-9, 2000.

Gladden J, Ellerbeck E, Ahluwalia JS, Jolcoeur DG, Hedberg K. Observing patient care: are preventive services included and who initiates the discussion? Society for Behavioral Medicine. Nashville, TN, April 6-9, 2000.

Leiker J, Ellerbeck E, Fox M, Lai S. Comparison of Medicare administrative claims data to medical record documentation for diabetic services. CDC/DDT conference 2000. New Orleans, LA, April 19, 2000.

Leiker J, Ellerbeck E. Improving preventive diabetic services for Medicare beneficiaries in the primary care physician office. CDC/DDT Conference 2000. New Orleans, LA, April 20, 2000.

Engelman KK, Totten B, White S, Goodloe N, Arnold C, Amadi N, Ellerbeck EF. (2001, February). Improving Systems of Preventive Care Via Academic Detailing by Medical Students. American Health Quality Association, Los Angeles, CA, February 7-9, 2001.

Engelman KK, Ellerbeck EF, Woolley D, Totten B, Arnold C, Clements T. (2001, February). Using Web-Based Education to Introduce Nurses and Physicians to Better Systems of Diabetes Care. American Health Quality Association, Los Angeles, CA, February 7-9, 2001.

Ellerbeck E, Perpich D, McCarter KS, Patterson KL, Totten BR. Variations in hospital infrastructure and influence on care for acute myocardial infarction." Tri Regional PRO/QIO Conference. St. Petersburg, FL, June 2002.

Ellerbeck EF, Bhimaraj A, Perpich D, Hall S. Variations in Hospital Infrastructure and Influence on Care for Acute Myocardial Infarction. American Heart Association. Orlando, FL November 8, 2003

Carolyn Synovitz, MD, MPH; Amy Chesser, MAC; Craig A. Molgaard, PhD, MPH; S. Edwards Dismuke, MD, MSPH; Edward Ellerbeck, MD, MPH. Team-based Learning Modules: Interactive Methods for Teaching Population Medicine. Accepted for presentation at the Kansas Public Health Association Annual Convention September 27, 2006. Topeka Kansas.

Poster presentations at national and international meetings:

Engelman KK, Ellerbeck EF, Ahluwalia JS, Tian C, Raju GS. Correlates of colorectal cancer screening among Medicare beneficiaries. Gerontological Society of America. Washington, DC, November 17-21, 2000.

Ellerbeck EF, Engelman KK, Velasco A. (2001, February). Colorectal cancer screening: Are beneficiaries taking advantage of coverage for fecal occult blood testing? American Health Quality Association, Los Angeles, CA, February 7-9, 2001.

Howard P, Ellerbeck EF, Engelman KK, Patterson K. (2001, February). The nature and frequency of Warfarin drug interactions that increase bleeding risk in Atrial Fibrillation patients. American Health Quality Association, Los Angeles, CA, February 7-9, 2001.

Ellerbeck EF, Miller SM, Miller PA, Patterson KL, Totten BR, Utech L. Infrastructure for acute myocardial infarction care in rural and urban settings. 3rd Scientific Forum on Quality of Care and Outcomes Research in CVD and Stroke. September 30, 2001, Washington, DC

Ellerbeck EF, Perpich DL, McCarter KS, Patterson KL, Totten BR. Variations in hospital infrastructure and influence on care for acute myocardial infarction. 4th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke. October 13, 2002, Washington, D.C.

Invited seminars at other universities:

"Integrating Research into Medical Student Education." University of Missouri at Kansas City Grand Rounds, Kansas City, MO, April 28, 2000.

SERVICE:

Professional Service:

Dr. Ellerbeck has performed a wide variety of services within the School of Medicine, including participation in Faculty Council, the Wahl Society, the Year 3-4 Curriculum Committee, and the MPH Curriculum Committee. He is a regular volunteer physician at the JayDoc Free Health Clinic.

Outside of the School of Medicine, Dr. Ellerbeck is a frequent reviewer for journals and a participant in community-level health care improvement organizations. Most notably, Dr. Ellerbeck has worked with the Mid-America Coalition on Health Care for corporate wellness issues and for enhancing HEDIS performance in managed care. More recently, he has served as a member of the Kansas City Quality Improvement Consortium to address community-wide improvement in diabetes, asthma, and heart failure. He participated in the workgroup that developed community-wide guidelines for these conditions and is a member of the Subcommittee on Measurement.

Grant reviews:

VA Heartland Network, Health Services Research Initiative, 1998
Agency for Health Care Policy and Research, Ad Hoc Review Panel, June 1999
National Institutes for Health, SNEM-1 Review Panel, June 25-27, 2003
AHRQ, Ad Hoc Review Panel, 2006
NIH, NCMH, Ad Hoc Review Panel, Disparity grant, December, 2006

Community activities:

Member, Kansas Physician-Purchaser Provider Coalition Planning Group, 1998-99
Co-Facilitator, "Employee Wellness" Kansas Purchaser-Provider Inititative Kickoff, January 12, 1999
Advisor, Kansas Purchaser Provider, "Corporate Wellness Programs – Partnering for Improved Outcomes", June 8, 1999
Member, HEDIS Advisory Group, Mid-America Coalition on Health Care, 2000-01
Member, Steering committee, Kansas Purchaser-Provider Task Group
Member, AHA Quality of Care and Outcomes Research Network of Experts, 2001
Volunteer, Silver City Clinic Health Fair, 2002-3
Volunter, JayDoc Free Health Clinic, 2004-present
Chair, Conference Planning Committee: The Greater Kansas City Forum on Electronic Health Records. April 30, 2005
Expert Testimony, State of Kansas Medicaid Program, Drug Utilization Review Board Meeting. September 13, 2006.
Tobacco-free Initiative Committee, Kansas University Medical Center, Summer 2006

Journal reviewer:

Reviewer, Journal of the American Medical Association, 1995 –
Reviewer, American Journal of Cardiology, 2001 --
Reviewer, American Heart Journal, 2001 --
Reviewer, Journal of General Internal Medicine, 2002 --
Reviewer, American Journal of Medicine, 2001 –
Reviewer, Annals of Internal Medicine, 2002 --
Reviewer, International Journal of Quality in Health Care, 2002 –
Reviewer, Joint Commission Journal for Quality Improvement, 2003 –
Reviewer, Medical Care, 2004 –
Reviewer, Journal of Rural Health, 2005 --

Committees (National and Local):

Member, American heart Association Working Group for Quality Assessment in Acute Myocardial Infarction–

Resulted in authorship of recommendations on quality measurement to be published in Circulation in 2000. I led the writing on sections on structural aspects for measuring quality of AMI care., 1998-1999
Member, Kansas City Quality Improvement Consortium, 2001 –
Member, Kansas City Quality Improvement Consortium, Workgroup on guideline development, 2001-02
Member, Kansas City Quality Improvement Consortium, Subcommittee on Measurement, 2002 –
Abstract reviews; 5th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke – February 2004
Abstract reviews; 6th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke – February 2005

Committees (KUMC)
Member, Office of Primary Care Advisory Committee on Interdisciplinary Education Primary Care Physician Education Grant, 1998
At-large representative, Faculty Council and Faculty Council Executive Committee, 1997-1999
Member, Ad-hoc Committee to Develop a Center for Health Care Research, 1997-1999
Member, Education Subcommittee, Productivity Planning Advisory Committee, 1998-1999
Member, Search Committee for Director, Center for Health Care Research, 1998-1999
Member, Search Committee for Chair, Department of Family Medicine, 1998-2000
Chair, Search Committee for Chair, Department of Health Policy and Management, 1998-1999
Member, MPH Curriculum Committee, Kansas City Campus, 1999-2000
Assistant Director, Wahl Medical Society. Mentor for 6 students, 1999- present
Member, Outcomes Concentration Committee, 2000-2001
Member, Search Committee, Faculty, Department of Health Policy and Management, 2000-2001
Member, Family Medicine Comprehensive Course Review Committee, 2000-2001
Member, Year 3-4 curriculum oversight committee, 2000-present
Member, Resources Subcommittee for KU MPH Self Study for CEPH Accreditation, 2001-2002
Chair, Rural Health Comprehensive Course Review Committee, 2001-2002
Member, Center on Aging Internal Advisory Board for Interdisciplinary Geriatrics Education, 2001-2002
Member, University of Kansas Medical Center Statewide Continuing Medical Education Statewide Advisory Board, 2002
Member, Search Committee, Vice Chairman, Dept of Preventive Medicine, 2002-2003
Member, Search Committee, Biostatistics Faculty, Dept of Preventive Medicine, 2003
Member, Search Committee, Nutrition Faculty, Dept of Preventive Medicine, 2002-2003
Member, HPDP Course Redesign Committee, Dept of Preventive Medicine, 2002
Member, Search Committee, Faculty, Dept of Preventive Medicine, 2003-2004
Member, Search Committee, Postdoctoral, Dept of Preventive Medicine, 2003-2004
Chair, MD/MPH scholarship committee 2004
Member KU School of Medicine Academic committee 2004-5
Member KU School of Medicine Curriculum Reform Committee 2003-2005
Program Co-Director, Cancer Risk Assessment, Prevention and Control Program, KMCRI
Member, Protocol Review and Monitoring Committee, KMCRI
Member, Research Committee
Member, Tobacco Research Interest Group
Governing Committee, CTSA Grant Application
BIRCWH Internal Advisory Committee Member

I will go ahead and add you to the Diabetes Advisory Council and my listserv and we will keep you informed of other meetings, etc. as they come up. Also, you may receive reminder notices about the July 21st meeting because you will be on the general Diabetes Advisory Council email list, just disregard those.
Hope you have an excellent weekend and we look forward to continuing to work with you.

Tara Schooler, B.S.
Health Educator
Kansas Diabetes Prevention and Control Program
Kansas Heart Disease and Stroke Prevention Program