

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Dan Matlock		POSITION TITLE Assistant Professor of Medicine	
eRA COMMONS USER NAME (credential, e.g., agency login) MATLOCK.D			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Colorado School of Mines	B.S.	1995-1999	Chemical Engineering
University of Colorado Denver, Health Sciences Center - Denver, CO	M.D.	1999-2003	Medicine
University of Colorado		2003-2006	Internal Medicine
University of Colorado		2006-2007	Geriatrics
University of Colorado	MPH (anticipated 2010)	2007-2009	NRSA-Primary Care Research Fellowship

A. Personal Statement

The goal of this project is to illuminate the various processes used in medical decision making surrounding hospice and then to develop and test a tailored, web-based decision aid designed to support patients and caregivers in this process. My clinical and research interests are directly relevant to the project proposed herein. My current clinical work as a palliative care physician combined with my previous work as a medical director at The Denver Hospice make me deeply aware of the challenges associated with end-of-life and hospice decision making. My research experience is directly relevant to this project as well. I have completed a qualitative decision needs assessment funded by The Foundation for Informed Medical Decision Making (FIMDM) of patients and providers surrounding the decision to receive an implantable cardioverter-defibrillator (ICD). The results of this needs assessment are being used to develop a decision aid for patients facing this complicated decision as well as a survey to measure the quality of ICD decision making. Further, the experience gained in this ICD decision needs assessment will inform the hospice decision needs assessment proposed in this project. I am also the principle investigator for a pilot randomized trial of a decision aid designed to assist with advance care planning on the inpatient palliative care service at the University of Colorado Hospital. The lessons learned in performing research in this extremely vulnerable population will inform the randomized trial proposed in aim three of this application. Finally, my work as a Hartford Outcomes Research Scholar developing an instrument to measure the quality of ICD decision making has given me a keen understanding of the challenges and importance of decision making outcomes. Altogether, my clinical and research experience have prepared me to assist Dr. Connor in the development of a hospice decision aid.

B. Positions and Honors

Positions and Employment

- 2003 – 2006: Internal Medicine Residency - University of Colorado Health Sciences Center
- 2006 – 2007: Geriatric Fellowship - University of Colorado Health Sciences Center
- 2007 – 2009: Primary Care Research Fellowship - University of Colorado Health Sciences Center
- 2007 – 2009: Instructor – General Internal Medicine
- 2007 – 2009: Medical Director – The Denver Hospice
- 2007 – Present: Attending, Palliative Care Consult Service, University of Colorado Hospital
- 2009 – Present: Assistant Professor of Medicine, Division of General Internal Medicine
- 2009 – Present: Affiliate Investigator – Kaiser Institute for Health Research

Other Experience and Professional Memberships

2009 Fellowship – Summer Institute for Informed Patient Choice, Boston
2008 Fellowship – Summer Institute for Informed Patient Choice, Dartmouth
2008 – Present: Society for Medical Decision Making
2006 – Present: American Geriatric Society
2005 – Present: Society of General Internal Medicine: Subcommittee - Geriatrics Task Force
2002 – Present: American College of Physicians
2000 – Present: Colorado Medical Society

Honors

2007 Alpha Omega Alpha - University of Colorado Health Sciences Center.
2007 Jahnigen Scholarship - University of Colorado Health Sciences Center.
2006 Health Hero - Health Care for All Colorado
2006 Finalist for the Humanism and Excellence in Teaching Award – University of Colorado Health Sciences Center.
2005 Best presentation: Western Regional Society of General Internal Medicine Annual Conference.
2003 Adler Scholarship – for service and leadership.
2003 Hippocrates Award – elected by graduating class as the “future physician who most completely epitomizes the ideals and noble traditions of the profession as set forth by Hippocrates.”
2003 Honor Council Award – for excellence in furthering the precepts of the Honor Code.

C. Selected Peer-reviewed Publications

Childs MA, **Matlock DD**, Dorgan JR. et al. Surface Morphology of Poly(caprolactone)-b-poly(dimethylsiloxane)-b-poly(caprolactone) Copolymers: Effects on Protein Adsorption. *Biomacromolecules* 2001; 2(2):526-537

Matlock DD, Earnest M, Epstein A. Utilization of Elective Hip and Knee Replacement by Age and Payer. *Clinical Orthopaedics and Related Research* *Clinical Orthopaedics & Related Research*. 2008;466(4):914-9.

D. Research Support

Ongoing Research Support

The Hartford Center of Excellence – University of Colorado 7/09 – 6/10
Title: Measuring the Quality of the Decision to Receive an Implantable Cardioverter-Defibrillator
Role: Principal Investigator, Dan Matlock, MD
The goal of this project is to develop a valid and reliable survey instrument to measure the quality of ICD decision making.

The Hartford Foundation - Geriatrics Health Outcomes Research Scholar 7/09 – 6/11
Title: Measuring the Quality of the Decision to Receive an Implantable Cardioverter-Defibrillator
Role: Principal Investigator, Dan Matlock, MD
The goal of this project is to develop a valid and reliable survey instrument to measure the quality of ICD decision making.

Foundation for Informed Medical Decision Making 9/09 – 8/10
Title: Feasibility of an End-Of-Life Patient Decision Aid: A Pilot Study Among Patients and Physicians
Role: Principal Investigator, Dan Matlock, MD
This goal of this project will pilot a decision aid designed to assist patients making end-of-life decisions on the inpatient palliative care service at University Hospital

American College of Cardiology (ACC) 10/09 – 10/10
Title: Hospital Variations in Patient and Procedure Characteristics for Implantable Cardioverter-Defibrillators
Role: Principal Investigator, Dan Matlock, MD
The goal of this project is to evaluate hospital level variation in patient and procedure characteristics associated with receiving primary prevention ICDs

Completed Research Support

T32 HP 10006 7/1/07 - 6/30/09
National Research Service Award
PI: Allison Kempe, MD, MPH
Role: Fellow – Primary Care Research Fellow
This grant funds a two year, primary care research fellowship and coursework towards a Master of Public Health.

Division of General Internal Medicine – University of Colorado 6/4/08 – 6/4/09
Title: Physician Attitudes Towards Automatic Implantable Cardioverter-Defibrillators
Role: Dan Matlock, MD (PI)
The goal of this project is to understand physicians' attitudes towards implantable cardioverter-defibrillators(ICDs) for the primary prevention of sudden cardiac death using a national survey. Specifically, how do physicians make decisions to recommend ICDs in the elderly and chronically ill population?

American College of Cardiology (ACC) 5/1/08 – 4/30/09
Title: Regional Variations of Implantable Cardioverter-Defibrillators
Role: Dan Matlock, MD (PI) and Fred Masoudi, MD, MSPH (Co-PI)
The goal of this project is to evaluate the regional variation in rates and appropriateness of utilization of implantable cardioverter-defibrillators. The data source is the CMS mandated National Cardiovascular Data Registry for ICDs maintained by the ACC.

Foundation for Informed Medical Decision Making 9/08 – 9/09
Title: A decisional needs assessment related to implantable cardioverter-defibrillators (ICD) for the primary prevention of sudden cardiac death.
Role: Principal Investigator, Dan Matlock MD
This is a qualitative analysis utilizing in-depth interviews of patients and physicians with experience in ICD decision making.