

Curriculum Vitae

Date prepared: January 27, 2010

Name: Susan Lisa Mitchell

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Place of Birth: Montreal, Canada

Education:

1984	Honors Physiology Program	McGill University
1988	M.D., cum laude	University of Ottawa
1996	M.P.H.	Harvard School of Public Health

Postdoctoral Training:

Internships and Residencies

1988-1989	Comprehensive Internship	Internal Medicine	The Ottawa Civic Hospital
1989-1991	Residency	Internal Medicine	The Ottawa Civic Hospital and General Hospitals

Clinical and Research Fellowships

1992-1994	Clinical Fellow	Geriatric Medicine	Harvard Medical School
1994-1997	Research Fellow	Geriatric Medicine	Harvard Medical School

Academic Appointments:

1997-2000	Assistant Professor	Medicine	University of Ottawa
1999-2000	Assistant Professor	Epidemiology and Community Medicine	University of Ottawa
2000-2001	Instructor	Medicine	Harvard Medical School
2001-2005	Assistant Professor	Medicine	Harvard Medical School
2005- present	Associate Professor	Medicine	Harvard Medical School

Appointments at Hospitals:

Past

1991	Staff Physician	Sioux Lookout Zone Hospital, Sioux Lookout, Ontario
1994-1997	Staff Geriatrician Department of Medicine	Hebrew Rehabilitation Center, Boston
1997-1998	Staff Physician	Ottawa Civic Hospital, Ottawa, Ontario
1997-1998	Staff Physician	Ottawa General Hospital, Ottawa, Ontario
1997-2000	Consulting staff, Department of Medicine	Queensway Carelton Hospital, Nepean, Ontario
1997-2000	Staff Physician Department of Medicine	Sister's of Charity Hospitals, Ottawa, Ontario
1998-2000	Staff Physician	Almonte General Hospital, Almonte, Ontario
1999-2000	Staff Physician	The Ottawa Hospital, Ottawa, Ontario

Current

2000- present	Staff Physician	Hebrew Rehabilitation Center, Boston
2000- present	Staff Physician	Beth Israel Deaconess Medical Center, Boston

Other Professional Positions:

1997-2000	Affiliate Member, Clinical Epidemiology Unit	Loeb Health Research Institute, Ottawa, Canada
1999-2001	Consultant, <i>Project</i> : Developing quality of care indicators for US nursing homes	HFCA
2000-	Advisory Board	International Resident Assessment Instrument (InterRAI)
2003	Palliative Care Working Group Consultant, Strategies for Improving Palliative Care in Long Term care Settings	Center to Advance Palliative Care: Mount Sinai School of Medicine
2000-2004	Associate Scientist	Hebrew SeniorLife Institute for Aging Research, Boston, MA.
2004- present	Senior Scientist	Hebrew SeniorLife Institute for Aging Research, Boston, MA.
2004- present	Director, Palliative Care Research Program	Hebrew SeniorLife Institute for Aging Research, Boston, MA.
2005	Consultant <i>Project</i> : Paid feeding assistant in nursing homes	Centers for Medicare & Medicaid Services
2006- present	Consultant: " Medicare Payment Advisory Commission (MedPAC)	Harvard Medical School Department of Health Policy Contract RFP 03-06-1MedPAC
2007- present	Consultant: Improving Palliative Care in Nursing Homes	Milbank Foundation
2007- present	Consultant: Shaping Long Term Care in America	Brown University: Program Project Grant P01 (PI: Mor)
2008- present	Consultant: Evaluation of the Nursing Home Value Based Purchasing Demonstration	Centers for Medicare & Medicaid Services RFP No. CMS-08-020/DTB

Major Administrative Leadership Positions:

Local

1995-1996	Medical Director	Agewell Senior Services Outpatient Clinic Hebrew Rehab Center, Boston
1997-2000	Director of Research, Division of Geriatrics	The Ottawa Hospital, Ottawa, Ontario
2000-2005	Site Director, Harvard Geriatric Medicine Fellowship Program	Hebrew Rehabilitation Center
2000- present	Associate Director for Research Training Harvard Geriatric Medicine Fellowship Program	Harvard Medical School Boston, MA
2004- present	Course co-director: Advanced Aging Research Training Seminar Series	Beth Israel Deaconess Medical Center/Hebrew SeniorLife

Committee Service:

Local

1995-1996	Respiratory Care Committee, Chair	Hebrew Rehabilitation Center, Boston, MA
1997-2000	Research Committee, Division of Geriatrics, Chair	The Ottawa Hospital, Ottawa, Ontario
1997-2000	Postgraduate Committee-Member, Division of Geriatrics	The Ottawa Hospital, Ottawa, Ontario
2000- present	Geriatric Medicine Fellowship Program Committee	Beth Israel Deaconess Medical Center, Boston, MA.
2003-2007	Institutional Review Board	Hebrew Rehabilitation Center, Boston, MA
2004- present	Steering Committee, T32 Fellowship in Translational Research in Aging, Division of Gerontology	Beth Israel Deaconess Medical Center, Boston, MA

Professional Societies:

1989- present	Member, College of Physicians and Surgeons of Ontario	
1991- present	Member, American College of Physicians	
1992- present	Member, American Geriatrics Society	
2002-2007	Research Abstract Reviewer	
2002-2008	Member, Ethics Committee	
2004-2008	Co-chair, Ethics and Quality of Life Scientific Research Abstract Review Committee	
1993-2003	Fellow, Royal college of Physician and Surgeons of Canada	
1994- present	Member, Physicians for Human Rights	
1994	Member, Gerontological Society of America	
2001	Research Abstract Reviewer	
2005-2007	Member, Research Committee, National Hospice and Palliative Care Organization	

Grant Review Activities:

2006-	Grant reviewer, Ad hoc	National Alzheimer's Association
2006-	Health Services Organization and Delivery Study Section	National Institutes of Health
2006-2009	Ad Hoc Member	
2009- present	Permanent Member	
2007-2008	Grant reviewer, Ad hoc	Canadian Institute for Health Research

Editorial Activities

Ad hoc Reviewer

1996- present	Journal of the American Geriatrics Society
1997- present	Journal of Gerontology
2000- present	Journal of the American Medical Association
2003- present	Journal of Palliative Medicine
2003- present	Annals of Internal Medicine
2003- present	Archives of Internal Medicine
2004- present	New England Journal of Medicine

Honors and Prizes:

1982-1984	McConnell Scholarship	McGill University
1982-1984	Women Associates Scholarship for Science	McGill University
2003	Best Paper in Biological Sciences	American Geriatrics Society
2004	Best Contributor Award for the Year's Most Outstanding Article	Journal of the American Medical Directors Association

Report of Funded and Unfunded Projects

Past funding

1994-1995	Principal Investigator	Hebrew Rehabilitation Center	\$10,000
		Men's Associates Fellowship Supported my training as a research fellow.	
1995-1997	Principal Investigator	The Medical Foundation	\$64,000
		Charles A. King Trust Fellowship The major goal of this study was to examine balance in frail elders with Parkinson's Disease.	
1997-1998	Principal Investigator	Sister's of Charity Geriatric Research Fund	\$15000
		Tube-feeding: The decision-maker's perspective. The major goal of this study was to conduct a survey of family members of tube-fed cognitively impaired nursing home residents regarding their decisions to insert a feeding tube.	
1998-1999	Principal Investigator	Physician Services Inc. of Ontario	\$25,000
		A decision aid for tube-feeding the cognitively impaired elderly. The major goal of this study was to design a decision support tool to guide family members of cognitively impaired older persons regarding decisions to insert a feeding tube.	
1998-2000	Principal Investigator	Ontario Ministry of Health	\$150,000
		Career Scientist Award Career development award for junior investigators in patient-oriented research.	
2002-2003	Principal Investigator	Older American Independence Center Pilot Grant (Lipsitz) NIA PG AG08812	\$30,480
		Quality of End-of-Life Care in Dementia This pilot grant examined the quality of end-of-life care in advanced dementia.	
2002-2004	Principal Investigator	NIH-NIA K23 AG20054	\$300,000
		Tube-feeding in the elderly: Decision-making and outcomes. The goals of this grant were to support my career development and evaluate a decision support tool for feeding decisions in cognitively impaired older persons.	
2003-2005	Co-investigator	Bureau of Health Professions 6D01 HP00002	
		Health Services Research Administration Educational Grant (Fabiny) Supported my role as Associate Geriatric Medicine Fellowship Director at Harvard.	

Current funding continued

2009-2012 Co- NIH-NIA
Investigator R01 AG024091

Medicare Part D Plan Generosity & Dual Eligible Nursing Home Residents (Huskamp)

This project examines the impact of prescription drug plan generosity on the health and well-being of nursing home residents eligible for both Medicare and Medicaid. As a co-investigator, I provide content and methodological expertise.

2009 -2011 Consultant NIH-NIA
R21 AG032083-01A1

Feeding in Elderly with Late-stage Dementia: The FIELD Trial (Amella, DeLegge)

This grant is a pilot study of an trial to examine the outcomes of tube-feeding in advanced dementia. I am consultant providing content expertise.

2009-2011 Co- NIH-NIA
Investigator RC1AG036418

Effectiveness of Tube-Feeding in Persons with Advanced Cognitive Impairment (Teno)

This grant will use large national databases to examine the outcomes of tube-feeding in advanced dementia. As-coinvestigator, I provide content and methodological expertise.

Report of Local Teaching and Training

Teaching of Students in Courses:

University of Ottawa Medical School

1989-1991 Clinical Skills 2241

2nd year medical students Clinical Instructor 3-hr sessions per wk for 24 weeks

1997-2000 Community Services Development Course

3rd year medical students Faculty 4-hr session

1997-2000 Clinical Reasoning

4th year medical students Faculty Two 4-hr sessions

1997-2000 Objective Standardized Clinical Examination (OSCE)

4th year medical students Faculty Examiner 4-hr session

1999 Internal Medicine Half Day Back

4th year medical students Faculty 4-hr session

Harvard Medical School

1993-1994 Patient/Doctor II

2nd year medical students Faculty Four 4-hr sessions

1995-1996 Pain: Exploring issues from sensory receptors to societal concerns

2nd year medical students Faculty 4-hr session

1995-1996 Objective Standardized Clinical Examination (OSCE)

4th year medical students Faculty Examiner 4-hr session

1997-2000 Living with Life Threatening Illness

1st year medical students Faculty 1.5-hour sessions per wk for 16 weeks

2004-present Patient/Doctor II: Palliative Care Session

2nd year medical students Faculty 3-hour session

2008-present Patient/Doctor II: Centralized Geriatric Session

2nd year medical students Faculty Two 3-hour sessions

Formal teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

University of Ottawa

1997-2000 Introduction to Clinical Epidemiology
1st year Psychiatry and Geriatric Medicine Fellows Course co-director and lecturer 2-hr sessions per wk for 10 weeks

1998-1999 Noon-time rounds: Approach to the geriatric patient
Internal medicine residents Lecturer 1-hr session

Harvard Medical School

2001-2007 Research Methodology and Critical Appraisal of the Literature
1st and 2nd year Geriatric Medicine Fellows Course director and lecturer 1.5-hr session per month for 10 months

2002 ACOVE geriatric teaching sessions: Feeding decisions in advanced dementia
Internal medicine residents Lecturer 1-hr session

2004-present Advanced Aging Research Seminar Series
Research Fellows and Postdoctoral Trainees in Aging Course director and lecturer 1.5-hr session per month for 10 months

2006-present Geriatric Medicine Fellowship Seminar Series
1st and 2nd year Geriatric Medicine Fellows Lecturer 1-hr session

2008 Beth Israel Deaconess: ICU Geriatric Seminars Series
ICU residents Lecturer 1-hr session

2008-present Palliative Medicine Fellow Summer Seminar Series
Palliative Medicine fellows Lecturer 1-hr lecture

2008 Objective Standardized Clinical Examination (OSCE) in Geriatric Medicine
1st year Geriatric Medicine Fellows Faculty Examiner One 4-hr session

Clinical Supervisory and Training Responsibilities:

1995-1996; Geriatric Medicine Hebrew Rehabilitation Center, 6-hrs per wk for 8 weeks
2000-present Clinical Preceptor Boston, MA
1997-2000 Geriatric Medicine University of Ottawa, Ottawa 10-hrs per wk for 12 weeks
Clinical preceptor
2000-present Geriatric Medicine Beth Israel Deaconess Medical 20-hrs per wk for 3 weeks
Clinical preceptor Center, Boston

Formally Supervised Trainees:

1996-1997 Fiona Lawson, MD Geriatrician, Assistant Professor of Medicine, University of Alberta, Edmonton, Alberta
Co-authored two manuscripts, one in the Journal of Geriatric Medicine.

1996-1998 Nicole Fitt, MD Geriatrician, Clinical Associate in Medicine, University of Ottawa
First authored one manuscript.

1996-1997 Randi Berkowitz, MD Medical Director, Recuperative Services Unit
Hebrew Rehabilitation Center
Co-authored one manuscript.

2001-2003 Karen Scandrett, MD, MPH Assistant Professor of Medicine, Northwestern University, Chicago, Illinois
First authored one manuscript, co-authored one manuscript, and received a Harvard/Hartford Foundation Advanced Research Award.

2002-2004 Carmel Person, MD Geriatrician, Norton Healthcare, KY
As a summer medical student, co-authored two manuscripts and received an American Federation of Aging Research Predoctoral Award

2003-2004 Hsu-Ko Kuo, MD, MPH Staff Physician, Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan
First-authored one manuscript.

2002-2004 Jennifer Lamberg, MD Assistant Professor, Oregon Health & Science University
First-authored one manuscript, and received a Harvard/Hartford Foundation Advanced Research Award.

2004 Jen-Hau Chen MD, MPH Instructor (Medicine), Taiwan University
First-authored two manuscripts.

2005 Jennifer Moye, PhD Associate Professor of Psychiatry, Veterans Affairs, Harvard Medical School
Recipient of a Scholars in Medicine Award (Harvard)

2005 Sharon Engel MD and MPH Candidate
Emory University
As a summer medical student, first-authored one manuscripts and received the award for best paper in Ethics and Quality of Life at the 2006 American Geriatrics Society Annual Meeting

Formally Supervised Trainees continued:

2005- 2009 David Grabowski, Associate Professor, Harvard University
PhD

First authored a manuscript in *Medical Care*; recipient of NIH-NIA K01 mentored career award, and NIH R01 to study nursing home quality.

2005- Angelo Volandes, Instructor in Medicine, Harvard Medical School
present MD, MPH

First-authored a manuscript in *BMJ*. Recipient of AHRQ K08 Mentored Career Development Award (2010-2015), on which I am the primary mentor. Also a recipient of National Alzheimer's Association New Investigator Award (2008-10), and awarded best paper at the 2009 American Geriatrics Society (AGS) Annual Meeting (plenary session) for which he received an AGS New Investigator Award.

2006- Ruth Palan-Lopez Assistant Professor of Nursing
present RN, PhD. Massachusetts Institute of Health Professionals

First-authored two manuscripts, one in the *Archives of Internal Medicine*. Awarded a Hartford Geriatric Nursing Postdoctoral Research Fellowship

2006 Kristen Carey MD Candidate, Harvard Medical School

As a summer medical student, co-authored one manuscript and received an American Federation of Aging Research predoctoral award

2007-2008 Melissa Wachterman, MD, Fellow (General Medicine), Beth Israel Deaconess Medical
MPH Center

First authored a research letter in *JAMA*.

2008 Meg Rothman DO Candidate, University of New England

As a summer medical student, received an American Federation of Aging Research predoctoral award, and co-authored a manuscript.

2008- Jane L Givens, MD, Instructor, Harvard Medical School
present MSCE

First authored 3 manuscripts, recipient of a national Hartford Clinical Scholars Outcomes Award, and National Palliative Care Research Center Junior Faculty Career Development Award.

Formal teaching of Peers:

1999 Faculty of Medicine, Annual Refresher Course	Cognitive Evaluation in the Elderly Ottawa, Canada	Single Presentation University of Ottawa
2002-2006 Geriatric Medicine Annual Review	Artificial Nutrition and Hydration in Advanced Dementia: Evidence to Ethics Boston, MA.	Single Presentation Harvard Medical School
2002-2003 Program in Palliative Care Education and Practice	Small group facilitator Boston, MA.	10 small group sessions Harvard Medical School
2003-2006; 2008 Annual Practical Aspects of Palliative Medicine	Feeding and Hydration Decisions in Advanced Disease Boston, MA.	Single Presentation Harvard Medical School
2009-2010 Geriatric Medicine Annual Review	Decision-Making in Advanced Dementia Boston, MA.	Single Presentation Harvard Medical School

Local invited presentations:

1993	Use of seligiline in the treatment of Parkinson's disease Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatric Grand Rounds
1994	Combination treatment for diabetes in the elderly Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatric Grand Rounds
1996	Tube-feeding in advanced dementia Harvard School of Public Health	Clinical Epidemiology Seminar
1998	Feeding decisions in advanced dementia Division of Geriatrics, University of Ottawa	Geriatrics Seminar Series
1998	Proton pump inhibitors and vitamin B12 deficiency Division of Geriatrics, University of Ottawa	Geriatrics Seminar Series
2000	Feeding decisions in advanced dementia Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds
2000	Feeding decisions in advanced disease Harvard Center for Palliative Care	Palliative Care Seminar Series
2001	Feeding decisions in advanced dementia: evidence to ethics Harvard Center for Palliative Care, Massachusetts General Hospital	Palliative Care Grand Rounds
2001	Feeding decisions in advanced dementia Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds
2002	End-of-life Decision-making Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds
2003	Living and dying with advanced dementia Harvard Center for Palliative Care, Massachusetts General Hospital	Palliative Care Grand Rounds
2004	Decision-making in advanced dementia Harvard Center for Palliative Care	Palliative Care Seminar Series
2005	Living and dying with advanced dementia Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds
2005	Living and dying with advanced dementia Hebrew Senior Life Institute for Aging Research	Research-in-Progress Seminars
2006	Living and dying with advanced dementia Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds

Local invited presentations continued:

2006	Clinical Crossroads: A 93 Year Old Man with Advanced Dementia and Eating Problems. Department of Medicine, Beth Israel Deaconess Medical Center	Medical Grand Rounds
2008	Living and dying with advanced dementia Hebrew Senior Life Institute for Aging Research	Research-in-Progress Seminars
2008	Advanced Dementia Research in the Nursing Home: Policy and Clinical Implications, Frontiers in Aging Research Harvard Medical School	Dean's Symposium
2009	The clinical course of advanced dementia: Complications, Symptoms, and Interventions Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds

Report of Regional, National and International Invited Teaching and Presentations*Regional*

1993	Biology of aging Department of Dentistry, Tufts University, Boston	Seminar
1997	Tube-feeding in advanced dementia Division of Geriatrics, Boston University, Boston	Geriatrics Seminar Series
1999	Tube-feeding in advanced dementia: evidence to ethics Hebrew Rehabilitation Center for Aged, Boston	Symposium
2000	Use of decision aids in dementia Dartmouth University, New Hampshire	Symposium
2001	Tube feeding in advanced dementia: from evidence to ethics Division of Geriatrics, Boston University, Boston	Geriatric Grand Rounds
2004	Determinants of tube feeding in advanced dementia Brown University Center for Gerontology, Providence, RI.	Aging Seminar Series
2009	Decision-Making at the End-of-Life: From Evidence to Ethics Commonwealth Care Alliance/ Senior Care Options Program, Boston University	Clinical Best Practices Development Conference
2010	The clinical course of advanced dementia: Complications, Symptoms, and Interventions Department of Medicine, Carney Hospital, Boston	Medical Grand Rounds

National Invited Teaching and Presentations

- 1998 Feeding decisions in advanced dementia Geriatrics Grand Rounds
Division of Geriatrics, Dalhousie University, Halifax, Canada
- 1999 Tube-feeding in advanced dementia Symposium- Expert panel
Canadian Association of Gerontology Annual Meeting, Quebec
City, Canada
- 2001 Tube feeding in advanced dementia: the evidence Symposium- Expert panel
American Geriatrics Society (AGS) Annual Meeting, Chicago, IL
- 2003 Dying with advanced dementia in the nursing home Plenary Presentation
American Geriatrics Society Annual Meeting, Baltimore, MD
- 2006 Dementia as a Terminal Illness Symposium- Expert panel
American Geriatrics Society Annual Meeting, Chicago, IL
- 2008 Living and Dying with Advanced Dementia Keynote Speaker
35th Annual Current Topic in Geriatrics, Johns Hopkins School of
Medicine, Baltimore, MD Edmund G. Beachum Lecture
- 2008 Prognostication in Advanced Dementia Symposium-Expert panel
National Hospice and Palliative Care Organization Annual Clinical Conference, Dallas, TX

International Invited Teaching and Presentations

- 1996 Feeding decisions in advanced dementia Geriatric Grand Rounds
Division of Geriatric Medicine, University of Calgary, Alberta, Canada
- 1999 Tube-feeding in advanced dementia: evidence to ethics Symposium
Hebrew Rehabilitation Center for Aged, Boston
- 2000 Tube feeding in advanced dementia: from evidence to ethics Medical Grand Rounds
Sunnybrook Hospital, Toronto, Ontario, Canada University of Toronto
- 2000 Tube feeding in advanced dementia: from evidence to ethics Seminars in Bioethics
University of Toronto, Toronto, Canada University of Toronto
- 2005 Living and Dying with Advanced Dementia Keynote Speaker
STAKES, National Research and Development Centre for Social Welfare and Health, Helsinki Finland
- 2005 Ethical Decision-Making for Feeding Problems in Symposium- Expert panel
Advanced Dementia: A Faith-Based Perspective
Toronto Regional Geriatrics Program, University of Toronto, Toronto, Canada

International Invited Teaching and Presentations continued

2006	Experiencing Dementia as a Terminal Illness,	Visiting Scholar
Division of Geriatrics, VU University Medical Center, Amsterdam, The Netherlands.		
2006	Advanced Dementia Research; The CASCADE Study	Visiting Scholar
University of Western Sydney, Sydney, Australia		
2007	Decision-Making for Feeding Problems in Advanced Dementia	Symposium-Expert Panel
Dysphagia Research Society Annual Meeting, Vancouver, Canada		
2007	Palliative Care in Advanced Dementia	Medical Grand Rounds
National Taiwan University Hospital, Taipei, Taiwan		
2010	Clinical Course of Advanced Dementia	Keynote Speaker
Canadian Gerontological Society Annual Meeting, Ottawa, Ontario, Canada		
2010	Clinical Course of Advanced Dementia	Visiting Professor
Mater Misericordiae University Hospital, University College of Dublin, Dublin, Ireland		

Report of clinical activities

Current Licensure and Certification:

1988	Federation of Licensing Examinations (F.L.E.X)
1989-2008	College of Physicians and Surgeons of Ontario
1989	Medical Council of Canada
1991-2011	Diplomate, American Board of Internal Medicine
1992 -present	Commonwealth of Massachusetts
1993 -2007	Fellow, Royal College of Physicians and Surgeons of Canada, Internal Medicine
1994-2014	American Board of Internal Medicine: added qualifications in Geriatric Medicine
1994	Royal College of Physicians and Surgeons of Canada: Specialty Qualifications in Geriatric Medicine

Practice Activities:

I am a board-certified internist and geriatrician.

Current Practice Activities

Primary care geriatrics	Long-term care	Hebrew Rehabilitation Center, Boston	Six months per year
Acute care geriatrics	In-patient	Beth Israel Deaconess Medical Center, Boston	4 week per year

Clinical Innovations:

I have developed and evaluated a clinical decision aid (web-based and audiobooklet) to help families decide about feeding decisions for patients with advanced dementia. This decision aid is used widely in clinical practice.

Report of Education of Patients and Service to the Community

Activities:

1995-1996 Medical Examiner Physicians for Human Rights, Boston, MA
Conducted physical examinations for refugees seeking asylum in the United States

2003-2005 Committee Member Human Rights Committee, Needham, MA.
Managed issues and organized events promoting human rights in the community.

2005 Speaker Hebrew Senior Life, Orchard Cove Retirement
Community
Presented a talk to older community-dwelling older persons regarding advance care planning.

2005 Speaker Hebrew Senior Life, Florida Friends
Presented a talk to older community-dwelling older persons regarding advance care planning.

2008- present Volunteer Physician Free Metrowest Medical Clinical, Sudbury, MA
Provide free ambulatory medical care to immigrant adults living in Massachusetts.

Educational Material for Patients and the Lay Community:

Newspaper articles:

Mitchell SL, Caring for the Health of Natives, The Globe and Mail: Facts and Arguments. January 22, 1992. Toronto, Canada.

Patient Educational Material:

2000	Making Choices: Long-term feeding tube placement in elderly patients. A booklet and audiotape for substitute decision-makers.	Mitchell SL , O'Connor A, Tetroe JM.	Decision aid for patients and families about tube-feeding
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Report of Scholarship:

Peer Reviewed Research Investigations:

1. Scully LJ, **Mitchell SL**, Gill P., Clinical and epidemiological characteristics of Hepatitis C in a gastroenterology/hepatology practice in Ottawa. *CMAJ* 1993; 148:1173-1177.
2. **Mitchell SL**, Collins JJ, Deluca CJ, Burrows A, Lipsitz LA, Open-loop and closed-loop postural control mechanisms in Parkinson's Disease: Increase Mediolateral Activity during quiet standing. *Neuroscience Letters* 1995; 197:133-136.
3. **Mitchell SL**, Kiely DK, Kiel DP, Lipsitz LA. The epidemiology, clinical characteristics and natural history of Parkinson's Disease in the nursing home. *J Am Geriatr Soc* 1996; 44:394-399.
4. Hausdorff JM, Edelberg HK, **Mitchell SL**, Goldberger AL, Wei JY. Increased gait unsteadiness in community-dwelling elderly fallers. *Arch Phys Med Rehab* 1997; 78:278-283
5. Hausdorff JM, **Mitchell SL**, Edelberg HK, Goldberger AL, Wei JY. Altered Fractal Dynamics of Gait: Reduced Stride Interval Correlations with Aging and Huntington's Disease. *J Appl Physiol* 1997; 82:262-269.
6. **Mitchell SL**, Kiely DK, Lipsitz LA. The risk factors and impact on survival of feeding tubes in nursing home residents with severely advanced dementia. *Arch Int Med* 1997; 157:327-332.
7. **Mitchell SL**, Sullivan EA, Lipsitz LA. The exclusion of elderly subjects from clinical trials for Parkinson's disease. *Arch Neurol* 1997;54:1393-98.
8. **Mitchell SL**, Kiely DK, Lipsitz LA. Does artificial enteral nutrition prolong the survival of institutionalized elders with chewing and swallowing problems? *J Gerontol: Med Sci* 1998; 53A(3): M207-213.
9. Chow CC, Lauk M, Lipsitz LA, **Mitchell SL**, Collins JJ. Assessing muscle stiffness from quiet stance: applicability to Parkinson's disease. *Muscle Nerve* 1999; 22:635-639.
10. **Mitchell SL**, Lawson FME Decision-making for long-term tube-feeding in the cognitively impaired elderly. *CMAJ* 1999; 160:1705-10.
11. Molnar FJ, Man-Son-Hing M, Dalziel WB, **Mitchell SL**, Power BE, Byszewski AM, St. John P. Quality assessment of senior focused newspaper medical advice columns. *CMAJ* 1999; 161:393-5.
12. **Mitchell SL**, Harper D, Lau A, Bhalla R. Trends in outcome measurement in Parkinson's Disease clinical trials. *Neuroepidemiol* 2000; 19:100-108.
13. **Mitchell SL**, Lawson FME, Berkowitz RA, Lipsitz LA. A cross-national survey of decision for long-term tube-feeding in older persons. *J Am Geriatr Soc* 2000; 48:391-397.

14. **Mitchell SL**, Rockwood K. The association between parkinsonism, Alzheimer's disease and mortality: a comprehensive approach. *J Am Geriatr Soc* 2000; 48:422-425.
15. **Mitchell SL**, Tetroe JM. Survival after percutaneous endoscopic gastrostomy placement. *J Gerontol: Med Sci* 2000;55A:M735-M739.
16. **Mitchell SL**, Kiely DK. A cross-national study of tube-feeding: the impact of contrasting health care systems. *J Amer Med Dir Assoc* 2001;2:10-14.
17. **Mitchell SL**, Rockwood K. Defining Parkinsonism from the Canadian Study of Health and Aging. *International Psychogeriatrics* 2001; 13(S1): 107-113.
18. **Mitchell SL**, Rockwood K. The association between anti-ulcer medications and cobalamin replacement in the elderly. *J Clin Epi* 2001; 54:531-534.
19. Fitt N, **Mitchell SL**, Cranney A, Gulenchyn K, Huang M, Tugwell P. The impact of bone densitometry on the management of osteoporosis. *CMAJ* 2001;164:777-784.
20. Njegovan V, Man-Son-Hing M, **Mitchell SL**, Molnar FM. The hierarchy of functional loss associative with cognitive decline in older persons. *J Gerontol: Med Sci* 2001; 56:M638-643.
21. **Mitchell SL**, Tetroe J, O'Connor AM. A decision aid for long-term tube-feeding in cognitively impaired older persons. *J Am Geriatr Soc* 2001; 49:313-316.
22. Kiely DK, **Mitchell SL**, Marlow A, Murphy KM, Morris JNM. Ethnic differences in advance directives in nursing home residents: a multi-state comparison. *J Am Geriatr Soc* 2001; 49:1346-1352.
23. **Mitchell SL**, Kiely DK, Gillick MR. Nursing home characteristics associated with tube-feeding in advanced cognitive impairment. *J Am Geriatr Soc* 2003; 51:75-79.
24. **Mitchell SL**, Buchanan J, Littlehale S, Hamel MB. Tube-Feeding versus hand-feeding nursing home residents with advanced dementia: a cost comparison. *J Amer Med Dir Assoc*. 2003;4:27-33.
26. **Mitchell SL**, Teno JM, Roy J, Kabumoto G, Mor V. A national study of the clinical and organizational determinants of tube-feeding among nursing home residents with advanced cognitive impairment. *JAMA* 2003;290:73-80.
27. Graham ID, Logan J, O'Connor A, Weeks KE, Aaron S, Cranney A, Dales R, Elmslie T, Hebert P, Jolly E, Laupacis A, **Mitchell SL**, Tugwell P. A qualitative study of physicians' perceptions of three decision aids. *Patient Educ Couns*. 2003; 50:279-283.
28. **Mitchell SL**, Kiely DK, Hamel MB. Dying with advanced dementia in the nursing home. *Arch Int Med*. 2004; 164:321-326

29. **Mitchell SL**, Kiely DK, Hamel MB, Park PS, Morris JN. Estimating prognosis for nursing home residents with advanced dementia. *JAMA* 2004; 291:2734-2740.
30. Kuo H, Glasser-Scandrett K, Dave J, **Mitchell SL**. The influence of outpatient comprehensive geriatric assessment on survival: a meta-analysis. *Arch Gerontol Geriatr* 2004;39:245-254.
31. **Mitchell SL**, Morris JN, Park PS, Fries BE. Terminal care for persons with advanced dementia in the nursing home and home care settings. *J Pall Med* 2004;7:808-816.
32. **Mitchell SL**, Teno JM, Miller SC, Mor V. A national study of the location of death for older persons with dementia. *J Am Geriatr Soc* 2005;53:299-305.
33. Lamberg JL, Person CJ, Kiely DK, **Mitchell SL**, Decisions to hospitalize nursing home residents dying with advanced dementia. *J Am Geriatr Soc* 2005;53:1396-1401.
34. Chen J, Lamberg JL, Chen Y, Kiely DK, Page JH, Person CJ, **Mitchell SL**, Occurrence and Treatment of Suspected Pneumonia in Long-term Care Residents Dying with Advanced Dementia. *J Am Geriatr Soc* 2006; 54:290-295.
35. **Mitchell SL**, Kiely DK, Jones RN, Prigerson H, Volicer L, Teno JM. Advanced dementia research in the nursing home: The CASCADE Study. *Alz Dis Assoc Disord*, 2006;20:176-186
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Letters to the Editor:

Mitchell SL, Kiely DK, Lipsitz LA. The risk factors and impact on survival of feeding tubes in nursing home residents with severely advanced dementia. *Arch Int Med* [Letter] 1997;157:1770.

Narrative: I am a board-certified geriatrician and clinical researcher. Over the past 15 years, I have built a successful academic career focused on the intersection between aging and palliative care, and gained international recognition as a leading investigator in this field. Currently, 85% of my time is spent conducting research projects and mentoring, 10% is dedicated to clinical service and teaching, and 5% of my time is spent on administrative and other professional responsibilities.

Grounded in my experience as a geriatrician, the over-arching goal of my research is to conduct clinical and policy-relevant work aimed at improving the care of older persons with advanced dementia; a leading, but under-recognized, cause of death in the US. The significance of my research is reflected in high impact publications, a continuous stream of federal funding, frequent attention in the lay press, and the success of my mentees. My early research focused on feeding problems in advanced dementia. I conducted one of the first cohort studies demonstrating the lack of survival benefit from tube-feeding; a finding that help put this widespread practice into question. Subsequent work suggested that nursing home reimbursement policies may create fiscal incentives that promote tube-feeding over conscientious, but more labor intensive, hand-feeding in advanced dementia. I also developed a tube-feeding decision support tool that has been widely adopted in clinical practice.

The next phase of my research examined advanced dementia care from a broader perspective. Using national databases, I found that 70% of persons with dementia die in nursing homes, yet the quality of palliative care they received in that setting was sub-optimal. Realizing that prognostication was a barrier to improving care, I developed 6-month mortality risk score for advanced dementia. This risk score is currently being prospectively validated in a 4-year NIH-funded R01 study, and if successful, has the potential to improve access of dementia patients to the Medicare hospice benefit.

Recognizing the need to advance the rigor of end-stage dementia research, in 2003 I initiated the NIH-funded **Choices, Attitudes, and Strategies for Care of Advanced Dementia** at the **End-of-Life (CASCADE)** study; a large prospective cohort study of broad scope that aims to address the major knowledge gaps in advanced dementia care. This study has yielded a unique dataset that has to generated novel and important findings. The main paper, published in the *New England Journal of Medicine*, describes, for the first time, the clinical course of advanced dementia. CASCADE data also revealed extensive antimicrobial use among patients dying with advanced dementia, who are also reservoirs for antimicrobial resistant bacteria. Thus, I have recently initiated a 5-year NIH R01 to rigorously examine the appropriateness and outcomes of antimicrobial use in this condition.

My teaching contributions focus, to a large extent, on research training. With the support of a NIH K24 Mid-career Mentoring Award, a significant proportion of my time is dedicated to the mentorship of junior investigators. I also have leadership roles as the Associate Geriatric Medicine Fellowship Director for Research and co-director of an advanced research training course for young investigators in aging at Harvard. Consistent with my palliative care expertise, I have taught in courses for Harvard medical students about caring for patients with life-threatening illnesses. Finally, my clinical service provides an opportunity to teach geriatric-focused care to all level of medical trainees.

In summary, my career has steadily progressed through the traditional, but essential steps in terms of contributions to the scientific literature, funding, academic promotion, supervision of others, and professional roles at a national level. At the core, these activities are rooted in my deep commitment to advancing the field of geriatrics in order to provide the highest quality health care to older persons.