

Curriculum Vitae

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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- 2011	Associate Professor	Medicine	Harvard Medical School
2011-	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	Consultant: " Medicare Payment Advisory Commission (MedPAC)	Harvard Medical School Department of Health Policy Contract RFP 03-06-1MedPAC
2007- 2009	Consultant: Improving Palliative Care in Nursing Homes	Milbank Foundation
2008-2010	Consultant: Evaluation of the Nursing Home Value Based Purchasing Demonstration	Centers for Medicare & Medicaid Services RFP No. CMS-08-020/DTB
2007- present	Consultant: Shaping Long Term Care in America	Brown University: Program Project Grant P01 (PI: Mor)
2010	Consultant: Palliative Care Expert Panel	Medicare Payment Advisory Commission (MedPAC)

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- 2010	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- 2010	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
2009-present	Senior Faculty Council	Hebrew SeniorLife Institute for Aging Research

Professional Societies:

1989- 2009	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.	

Past Funding continued

- 2003-2004 Principal Vistacare Hospice Foundation \$10,000
Investigator
Pilot study: Choices, Attitudes, Strategies for Advanced Dementia at the End-of-Life
This goal of this pilot grant was to establish the feasibility of conducting a large prospective cohort study of nursing home residents with advanced dementia and their families.
- 2005-2007 Principal National Alzheimer's Association \$190,503
Investigator IIRG-05-13412
Improving Hospice Care for Persons with Dementia
The goal of this study was to use data from a nationwide survey of bereaved family members establish their satisfaction with care provided by hospice to patients dying with dementia.
- 2007-2009 Co- Bureau of Health Professions
investigator D01 HP08794
Health Services Research Administration Educational Grant (Abrams)
Supported my role as Associate Geriatric Medicine Fellowship Director at Harvard.
- 2004-2009 Co- NIH-NIA
investigator P50 AG05134
Alzheimer's Disease Research Center (Growdon)
In this program project grant I was a project leader in the education and information transfer core.
- 2005-2009 Co- NIH-NIA
investigator R01AG024265
Feeding Tube Use Among Persons with Advanced Dementia (Teno)
This goal of this multi-method study is to describe the natural history, determinants, time trends, decision-making and family satisfaction associated with feeding tube use among nursing home residents with dementia. My role is to provide content and methodological expertise.
- 2004-2009 Principal NIH-NIA \$1,244,080
Investigator R01 AG024091
CASCADE: Choices, Attitudes, Strategies for Advanced Dementia at the End-of-Life
This prospective cohort study of nursing home residents with advanced dementia and their families aims to describe and identify modifiable factors associated with: 1. the clinical course of advanced dementia, 2. decision-making, 3. satisfaction with care, and 4. complicated grief.
- 2006-2010 Co- NIH-NIA
investigator R01 NR009826
Improving Decision-Making about Feeding Options for Dementia Patients (Hanson)
This is a randomized controlled trial of a decision aid designed to assist families about feeding options in advanced dementia. My role is to provide content and methodological expertise.

Past Funding continued

2008-2010 Co- 2008-2010 Co-
Investigator Investigator
End-of-Life Care and Hospice: Older Adults with Dementia in Nursing Homes (Miller)
This study examines national population-based data on hospice use among nursing home dementia decedents in Medicare skilled nursing facilities. My role is to provide content expertise.

Current Funding

2006-2011 Principal NIH-NIA \$1,100,776
Investigator R01 AG028423
The ADEPT study: Estimating Prognosis in Advanced Dementia
The study aims to develop a prognostic tool for in advanced dementia using nationwide Minimum Data Set data and prospectively validate the tool at the bedside of 600 nursing home residents.

2007-2012 Consultant NIH-NIA
P01AG027296
State Policies and Health Systems factors associated with multiple transitions. (Teno)
This goal of this study is to examine factors associated with health care transitions among nursing home residents. My role as a consultant is to provide content and methodological expertise.

2008-2011 Consultant NIH
R01 AG 030079
Leveraging Medicare Payment & Reporting Policies to Improve Nursing Home Quality (Grabowski)
The grant examines the influence of Medicare reimbursement and reporting on nursing home quality. I am consultant providing content expertise on nursing home care.

2009-2014 Principal NIH-NIA \$823,590
Investigator K24 AG033640
Mid-Career Mentoring Award for Patient Oriented Research in Aging
This award supports my mentoring activities and research program.

2009-2014 Principal NIH-NIA \$2,737,125
Investigator R01 AG032982
Determinants, Decision-making and Outcomes of Antibiotic Use in Advanced Dementia
This is a large prospective study aims to examine determinants, decision-making and outcomes antimicrobial use in 400 nursing residents with advanced dementia.

2009-2012 2009-2012 2009-2012 2009-2012
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.

Current funding continued

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 a 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 co-investigator, I provide content and methodological expertise.

2010-2012 Co- AHRQ
Investigator R21 HS19579

Optimizing Chronic Disease Prevention and Management in Advanced Dementia (Tjia)

This grant will use national databases to examine the use of chronic daily medications in advanced dementia. As co-investigator, 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

2010-present Beth Israel Deaconess: Resident Research Course
Medical Residents Lecturer Two 1-hour sessions

Clinical Supervisory and Training Responsibilities:

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

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.

Formally Supervised Trainees continued:

2005 Jennifer Moye, PhD Associate Professor of Psychiatry, 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

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

First authored a manuscript in Medical Care; recipient of NIH-NIA K01 mentored career award.

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

First-authored a manuscript in BMJ. Awarded best paper by a junior investigator in 2010 by the Society of Medical Decision-Making. Recipient of AHRQ K08 Mentored Career Development Award (2010-2015) (I am primary mentor). Recipient of National Alzheimer's Association New Investigator Award (2008-10). Awarded best paper at the 2009 American Geriatrics Society (AGS) Annual Meeting (plenary session) and AGS New Investigator Award.

2006- Ruth Palan-Lopez Associate 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 for which I am the primary mentor

2006 Kristen Carey MD Candidate, Harvard Medical School

As a summer medical student, co-authored one manuscript. 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, Assistant Professor, Harvard Medical School
present MSCE

Under my primary mentorship, received of a NIH-NIA K23 application (2010-2014),. a national Hartford Clinical Scholars Outcomes Award and National Palliative Care Research Center Junior Faculty Career Development Award from 2010-12. She has first authored several manuscripts and awarded best paper in Ethics and Quality of Life Research at the 2010 American Geriatrics Society (AGS) Annual Meeting (plenary session) and an AGS New Investigator Award.

Formally Supervised Trainees continued:

2009- present Rebecca Brown, MD Research Fellow in Geriatric Medicine, Beth Israel Deaconess Medical Center
Research Fellow in Geriatric Medicine conducting health services research in the homeless elderly.
Recipient of a Harvard/Hartford Foundation Advanced Research Award (2010-11) and T32 Research Training Harvard Geriatric Medicine Fellowship (2010-11)

2010- present Keith S. Goldfeld, DrPH Candidate in Biostatistics, Columbia University
MPA, MS
Doctoral student who is conducting economic analysis of cost utilization advanced dementia. I am his primary supervisor on this project and a member of his dissertation committee. First authored a manuscript in *Archives of Internal Medicine*.

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, 2010-2011 Annual Practical Aspects of Palliative Medicine	Feeding and Hydration Decisions in Advanced Disease Boston, MA.	Single Presentation Harvard Medical School
2009-2011 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: 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 Seminar
2006	Living and dying with advanced dementia Division of Gerontology, Beth Israel Deaconess Medical Center	Geriatrics Grand Rounds

Local invited presentations continued:

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| 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 | Research Update: 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 | Living and dying with advanced dementia: research advances
Division of Gerontology, Beth Israel Deaconess Medical Center | Geriatrics Grand Rounds |
| 2009 | The clinical course of advanced dementia: Complications, Symptoms, and Interventions
Division of Gerontology, Beth Israel Deaconess Medical Center | Medical Grand Rounds |
| 2010 | The clinical course of advanced dementia: patient and family experience
Harvard Center for Palliative Care, Massachusetts General Hospital | Palliative Care Grand Rounds |

Report of Regional, National and International Invited Teaching and Presentations

Regional Invited Teaching and Presentations

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
2010	The Clinical Course of Advanced Dementia: Complications, Symptoms, and Interventions Tufts Health Plan, Cambridge, MA.	Clinical Care Seminar
2010	The Clinical Course of Advanced Dementia: Complications, Symptoms, and Interventions Rhode Island Hospital, Providence, RI.	Grand Rounds
2010	The Clinical Course of Advanced Dementia and Introduction to Clinical Research Methods. Boston University, Boston, MA.	Seminar, Summer Institute in Geriatric Medicine

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 Edmund G. Beachum Lecture
Medicine, Baltimore, MD
- 2008 Prognostication in Advanced Dementia Symposium-Expert panel
National Hospice and Palliative Care Organization Annual Clinical Conference, Dallas, TX
- 2010 Febrile Episodes and Antibiotics in Advanced Dementia Symposium-Expert panel
Gerontological Society of America Annual Meeting, New Orleans, LA.
- 2011 The Clinical Course of Advanced Dementia: Complications, Geriatric Grand Rounds and
Symptoms, and Interventions Visiting Professor
Division of Geriatric Medicine, University of California, San Francisco, CA.
- 2011 The Clinical Course of Advanced Dementia: Complications, Geriatric/Palliative Care Rounds
Symptoms, and Interventions Visiting Professor
Center of Gerontology, University of Michigan, Ann Arbor, MI.

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

International Invited Teaching and Presentations continued

- 2000 Tube feeding in advanced dementia: from evidence to ethics
University of Toronto, Toronto, Canada University of Toronto
- 2005 Living and Dying with Advanced Dementia Seminars in Bioethics
STAKES, National Research and Development Centre for Social Welfare and Health, Helsinki Finland
- 2005 Ethical Decision-Making for Feeding Problems in Advanced Dementia: A Faith-Based Perspective Symposium- Expert panel
Toronto Regional Geriatrics Program, University of Toronto, Toronto, Canada
- 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 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 A Career in Aging Research: Lessons Learned Invited 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
- 2010 The Patient and Family Experience in Advanced Dementia Keynote Speaker
Canadian Academy of Geriatric Psychiatry Annual Meeting, Toronto, Canada
- 2010 Transitions in Care: The Case of Advanced Dementia Visiting Scholar
Women's College Hospital, Toronto, Canada.
- 2011 Clinical Course of Advanced Dementia Keynote Speaker
Shades of Gray Conference, Division of Geriatrics, University of Calgary, Calgary, AB. Canada
- 2011 Management of End-Stage Dementia Keynote Speaker
Canadian Conference on Dementia. Montreal, Quebec, Canada

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 and sub-acute care	Hebrew Rehabilitation Center, Boston	4 on-call week-ends per year
Acute care geriatrics	In-patient	Beth Israel Deaconess Medical Center, Boston	4 weeks 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- 2009 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.
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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.

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Narrative: I am a board-certified geriatrician and clinical researcher. Over the past 16 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.

The over-arching goal of my research is to conduct clinical and policy-relevant work to improve the care of 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. I also developed a tube-feeding decision support tool that has been 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, and that the quality of palliative care they received was sub-optimal. Recognizing the need to advance the rigor of end-stage dementia research, in 2003 I initiated the NIH-funded **C**hoices, **A**ttitudes, and **S**trategies for **C**are of **A**dvanced **D**ementia at the **E**nd-of-Life (CASCADE) study; a large prospective cohort study of that aimed to address the major knowledge gaps in advanced dementia care. This study has yielded a unique dataset that has generated over 14 publications to date. The main paper, published in the *New England Journal of Medicine*, described for the first time, the clinical course of advanced dementia. CASCADE data also revealed extensive antimicrobial use among patients 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.

Realizing that prognostication was a barrier to providing hospice care for dementia patients, I developed and prospectively validated a 6-month mortality risk score in an NIH-funded R01 study. This study, published in the *Journal of the American Medical Association*, found that the prognostic ability of the risk score was modest, albeit better than current Medicare hospice criteria (little better than chance). This work strongly suggested that access to hospice care to these patients should be guided by a preference for comfort care and not by life-expectancy estimates.

My teaching contributions largely focus on research training. Supported by a NIH K24 Mid-career Mentoring Award, a significant proportion of my time is dedicated to mentoring junior investigators. I also have had leadership roles as the Associate Geriatric Medicine Fellowship Director for Research and Co-Director of an advanced research training course. I have also 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.