

## CURRICULUM VITAE

### **Kenneth M. Langa, M.D., Ph.D.**

Assistant Professor, Department of Internal Medicine  
Division of General Medicine  
University of Michigan  
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### **EDUCATION**

- 1981-1985     BA, *summa cum laude*, Amherst College (Sociology)
- 1984             Harvard University (visiting undergraduate)
- 1986-1988     Robert Wood Johnson Medical School, Rutgers University
- 1988-1992     PhD, Harris Graduate School of Public Policy Studies, University of Chicago
- 1992-1994     MD, Pritzker School of Medicine, University of Chicago

### **POSTDOCTORAL TRAINING**

- 1994-1997     Internship and Residency, Internal Medicine, University of Michigan, Ann Arbor, Michigan
- 1997-1999     Robert Wood Johnson Clinical Scholar, University of Michigan, Ann Arbor, Michigan
- 2001-2002     Clinical Fellow, Cognitive Disorders Clinic, University of Michigan Geriatrics Center, Ann Arbor, Michigan

### **ACADEMIC APPOINTMENTS**

- 1993             Lecturer, Harris Graduate School of Public Policy Studies, University of Chicago, Chicago, Illinois
- 1999-2000     Lecturer, Department of Internal Medicine, University of Michigan
- 1999-present     Investigator, VA Center for Practice Management and Outcomes Research, Ann Arbor, Michigan
- 1999-present     Faculty Associate, Institute for Social Research, University of Michigan
- 2000-present     Assistant Professor, Department of Internal Medicine, University of Michigan
- 2002-present     Assistant Research Scientist, Institute of Gerontology, University of Michigan

## **CONSULTING POSITIONS**

1990-1991 Policy Analyst, Illinois Department of Public Health, Chicago, Illinois  
2001 Editorial Advisory Board, Global CareGuide, Inc., San Francisco, California

## **SCIENTIFIC ACTIVITIES**

### *Grant Reviewer*

Alzheimer's Association  
National Institute on Aging, National Institutes of Health

### *Manuscript Reviewer*

American Journal of Managed Care  
Annals of Internal Medicine  
Health Affairs  
Health Services Research  
JAMA  
Journal of General Internal Medicine  
Medical Care  
Medical Decision Making  
New England Journal of Medicine

### *Abstract Reviewer*

Society of General Internal Medicine National Meeting, 2001

### *Editorial Board*

Caregiving and Alzheimer's Disease, Rosalynn Carter Institute for Human Development

## **GRANT SUPPORT**

### *Recent*

Agency for Health Care Policy and Research (R03 HS06948-01), "Cost-Containment and Interpayer Differences in Treatment." Principal Investigator. 7/1/91-6/30/92: \$21,600.  
Aetna Quality Care Research Fund, "Measuring Indirect Costs of Dementia Care Using a Longitudinal Survey of U.S. Elderly." Co-Principal Investigator. 12/1/98-8/31/99: \$74,500.

**GRANT SUPPORT (cont'd)**

*Recent (cont'd)*

- Michigan Center on the Demography of Aging, "Measuring Indirect Costs of Dementia Care Using the Asset and Health Dynamics Study: Initial Analysis of Wave Three Data." Principal Investigator. 10% effort. 7/1/99-6/30/00: \$22,800.
- Michigan Alzheimer's Disease Research Center, "The Determinants and Costs of Formal and Informal Caregiving for the Elderly with Dementia." Principal Investigator. 10% effort. 6/1/99-5/31/00: \$30,400.
- Merck, "Measuring Indirect Costs of Dementia Care." Co-Principal Investigator. 10% effort. 11/1/99-12/31/00: \$83,200.
- Robert Wood Johnson Foundation, "The Implications of Beneficiary Characteristics for Implementing Medicare+Choice." Consultant. 1/1/99-6/30/01: \$186,000.
- Michigan Center on the Demography of Aging, "Using HRS Restricted Data to Examine Health System Effects on Formal and Informal Caregiving for the Disabled Elderly." Principal Investigator. 10% effort. 9/1/00-8/31/01: \$22,800.
- Social Security Administration, "Implications of Chronic Health Conditions on Work-Force Participation: Disability, Retirement, Caregiving, and Lost Productivity." Co-Principal Investigator. 10% effort. 10/1/00-9/30/01: \$100,000.
- Ortho Biotech, "Family Caregiving for the Elderly with Cancer." Principal Investigator. 10% effort. 11/8/99-10/31/01: \$200,000.
- Ortho-Biotech, "Out-of-Pocket Costs for the Elderly with Cancer." Co-Investigator. 5% effort. 7/1/01-6/30/02: \$90,000.
- Michigan Center on the Demography of Aging, "Using the Survey Research Center Statistical Data Enclave to Explore Medicare Home Care Use in the Health and Retirement Study." Co-Principal Investigator. 5% effort. 9/1/01-8/30/02: \$15,000.
- Social Security Administration, "Implications of High Risk Health Behaviors on Work-Force Participation: Disability, Retirement, and Lost Productivity." Principal Investigator. 10% effort. 10/1/01-9/30/02: \$50,000.
- Alzheimer's Association, "Identifying Costs and Consequences of Dementia in the United States." Principal Investigator. 10% effort. 8/1/01-7/31/03: \$100,000.
- University of Michigan Geriatrics Center, "Long-term Care Requirements of Elderly Patients Undergoing Coronary Artery Bypass Grafting Surgery." Principal Investigator. 10% effort. 7/1/02 - 6/30/03: \$33,000.
- Blue Cross Blue Shield of Michigan Foundation, "Long-term Care Requirements of Elderly Patients Undergoing Coronary Artery Bypass Grafting Surgery in Michigan." Principal Investigator. 5% effort. 1/1/03 - 12/31/03: \$50,000.

## GRANT SUPPORT (cont'd)

### *Current*

- National Institute on Aging, "Health and Retirement Study." Collaborator. 5% effort (concurrent). 4/1/00-12/31/05: \$53,800,000.
- National Institute on Aging, "Health and Retirement Study—Dementia Supplement." Co-Investigator. 5% effort (concurrent). 4/1/01-3/31/05: \$6,900,000.
- National Institute on Aging, Research Career Development Award (K08). "Identifying Cases and Costs of Dementia in the U.S." Principal Investigator. 75% effort. 8/1/01-7/31/06: \$630,000.
- Hartford Foundation / Society of General Internal Medicine, "Collaborative Center for Research and Education in the Care of Older Adults," Principal Investigator. 10% effort (concurrent). 1/1/03 - 12/31/04: \$91,000.
- Paul Beeson Physician Faculty Scholars in Aging Research Program, "Long-term Outcomes of Caring for a Disabled Spouse." Principal Investigator. 10% effort. 7/1/03 –6/30/06: \$450,000.
- National Institute on Aging, "Health and Retirement Study—Diabetes Mail Survey Supplement." Co-Investigator. 5% effort (concurrent). 7/1/03-12/31/05: \$834,000.
- National Institute of Neurological Disorders and Stroke, "Economic Impact of Stroke in the Elderly," (K23 award for Susan Hickenbottom, MD), Collaborator. 5% effort (concurrent). 9/1/03 – 8/31/08: \$860,000.

## CERTIFICATION AND LICENSURE

Medical Licensure: Michigan, 1997

Certification: Diplomate, American Board of Internal Medicine, 1997

## HONORS AND AWARDS

- 1981 National Merit Scholarship
- 1982 Friends of Amherst Athletics Award
- 1985 *Phi Beta Kappa*
- 1985 *Summa Cum Laude*
- 1986-1988 John Woodruff Simpson Medical Studies Fellowship, Amherst College
- 1988-1992 Pew Fellowship, Program in Medicine, Arts, and the Social Sciences, University of Chicago
- 1989 Knoll Policy Research Fellowship, University of Chicago

### **HONORS AND AWARDS (cont'd)**

- 1993 Association for Public Policy Analysis and Management (APPAM) PhD Dissertation Award
- 1997-1999 Robert Wood Johnson Clinical Scholar
- 1999 Mack Lipkin Award for outstanding scientific presentation, Society of General Internal Medicine
- 2001-2002 Research Mentorship Award (with Eric B. Larson, MD, MPH), Society of General Internal Medicine
- 2001-2003 New Investigator Award, Alzheimer's Association
- 2001-2006 Research Career Development Award (K08), National Institute on Aging, National Institutes of Health
- 2003-2006 Paul Beeson Physician Faculty Scholars in Aging Research Award, American Federation for Aging Research

### **MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES**

- 1997- American College of Physicians
- 1997- Association for Health Services Research
- 1999- Gerontological Society of America
- 1997- Society of General Internal Medicine
- 1999- Society for Medical Decision Making

### **TEACHING ACTIVITIES**

- 1990-1992 Teaching Assistant, Harris School of Public Policy Studies, Chicago, Illinois
- 1998- Faculty, Health Policy, University of Michigan Medical School
- 1999- Attending, General Medicine Clinic, Ann Arbor VA Medical Center
- 1999- Faculty, Doctor-Patient Relationship, University of Michigan Medical School
- 2000- Faculty, Evidence-Based Medicine, University of Michigan Medical School
- 2001- Faculty, Doctors as Patients, University of Michigan Medical School]
- 2001- Director, Health and Retirement Study Health Seminar Series, U. of Michigan
- 2001-2002 Co-Director, Ford School of Public Policy, Health Policy Seminar Series, University of Michigan
- 2002- Member, Medical Scientist Training Program (MSTP) Career Advisory Panel, University of Michigan

## TEACHING ACTIVITIES (cont'd)

### *Undergraduate Mentoring*

2001-2002 Liz Thomas, Undergraduate Research Opportunity Program (UROP)

### *Medical Resident Mentoring*

2001- Carlos Weiss, MD, "Informal caregiving among Hispanic elders"

2001- Laura Camoletto, MD, "Physician recognition of urinary incontinence"

### *Robert Wood Johnson Clinical Scholars*

2001- James Pribble, MD, "Cost-Effectiveness of ER Chest Pain Centers"

### *Geriatrics Fellow*

2002- Christine Cigolle, MD, "Post-operative Long-Term-Care in Older Patients"

## EXTRAMURAL INVITED PRESENTATIONS

### *International*

"Family caregiving costs for the elderly with cancer: Estimates from a representative sample of the United States." International Society for Pharmacoeconomics and Outcomes Research, Antwerp, Belgium, November 2000.

"The impact of the diagnosis of cancer on out-of-pocket health care expenditures made by the U.S. elderly." International Society for Pharmacoeconomics and Outcomes Research, Cannes, France, November 2001.

"Out-of-pocket health care expenditures among elderly individuals with dementia in the United States." 8<sup>th</sup> International Conference on Alzheimer's Disease, Stockholm, Sweden, July 2002.

### *National*

"Medicaid cost-containment in the 1980s: Did it encourage interpayer differences in hospital care?" Harris Graduate School of Public Policy Studies, University of Chicago, Chicago, Illinois, June 1991.

"The use of administrative data sets in health services research." Center for Health Administration Studies Research Methods Seminar, University of Chicago, Chicago, Illinois, February 1992.

"The impact of cost-containment policies on the treatment of patients with ischemic heart disease." Society of General Internal Medicine, Washington, DC, April 1992.

**EXTRAMURAL INVITED PRESENTATIONS (cont'd)**

*National (cont'd)*

- “The explosion in paid home health care: Are the additional services going to those with greatest need?” Society of General Internal Medicine, San Francisco, California, April 1999.
- “Cost of family caregiving for the elderly with dementia: New estimates from a nationally representative sample.” RWJ Clinical Scholars Annual Meeting, Ft. Lauderdale, Florida, November 1999.
- “Incorporating informal caregiving costs in cost effectiveness analyses.” International Society of Pharmacoeconomics and Outcomes Research, Washington, DC, May 2000.
- “Informal caregiving for diabetes and diabetic complications among elderly Americans.” Department of Health Studies research seminar, University of Chicago, April 2001.
- “Out-of-pocket health care expenditures among older Americans with cognitive impairment.” Health Economics research seminar, University of Chicago, February 2003.
- “The Aging, Demographics, and Memory Study.” Health and Retirement Study Cognition Workshop, Washington, DC, April 2003.
- “Informal caregiving for chronic diseases in the Health and Retirement Study.” National Advisory Council on Aging, National Institutes of Health, Washington, DC, May 2003.
- “Alzheimer’s Disease: An Evidence-Based Update.” American College of Physicians Scientific Meeting, Traverse City, MI, September 2003.
- “The Aging, Demographics, and Memory Study.” Health and Retirement Study Data Monitoring Committee Meeting, Napa, CA, October 2003.
- “On Love and Money: The Health Economics of Aging Parents.” Department of Health Care Policy, Harvard Medical School, Boston, MA, January 2004.
- “Comments on ‘Family Care, Nursing Home Transitions, and States’ Long Term Care Policies.’” HRS Research Conference on Older Families, Santa Fe, NM, February 2004.
- “Studying Cognitive Function in the Population Setting: Possibilities and Limitations.” Biomarker Collection in Population-Based Aging Research Workshop, University of Chicago, Chicago, IL, June 2004.
- “The Burden of Dementia in an Aging Population.” Briefing on the Health and Retirement Study to the United States House of Representatives, Washington, DC, July 2004.

## **EXTRAMURAL INVITED PRESENTATIONS (cont'd)**

### *Local*

- “Informal and formal home care changes in AHEAD: Truth or measurement error?” Institute for Social Research, University of Michigan, Ann Arbor, Michigan, July 1998.
- “Measuring health-related quality of life in the Health and Retirement Study.” Institute for Social Research, University of Michigan, Ann Arbor, Michigan, May 1999.
- “Informal caregiving for diabetes and diabetic complications.” Division of Geriatrics Research Conference, University of Michigan, Ann Arbor, Michigan, February 2001.
- “The quantity and cost of informal caregiving for the elderly with dementia: estimates from a nationally representative sample.” Michigan Alzheimer's Disease Research Center Clinical Conference, University of Michigan, Ann Arbor, Michigan, July 2001.
- “The quantity and cost of informal caregiving for the elderly with dementia: estimates from a nationally representative sample.” School of Public Health summer session, University of Michigan, Ann Arbor, Michigan, July 2001.
- “Informal caregiving for diabetes and diabetic complications among older Americans.” Institute of Gerontology Seminar Series, University of Michigan, Ann Arbor, Michigan, March 2002.
- “On love and money: The health economics of aging parents.” Internal Medicine Grand Rounds, University of Michigan, Ann Arbor, Michigan, November 2003.
- “Depressive symptoms before and after the death of a spouse with dementia.” General Medicine Research Conference, University of Michigan, Ann Arbor, Michigan, May 2004.

## **COMMITTEE AND ADMINISTRATIVE SERVICE**

### *University*

Member, Health Status and Health Services Working Groups. “Health and Retirement Study.” Institute for Social Research, University of Michigan, Ann Arbor, Michigan

### *Health System*

Co-Director, Patient Safety Enhancement Program, University of Michigan  
Co-Director, Collaborative Center for Research and Education in the Care of Older Adults, University of Michigan

### *Community Service*

Volunteer, Shelter Association Health Clinic, Ann Arbor, Michigan  
Member, Michigan State Dementia Plan Coordinating Committee, Michigan Dementia Coalition, 2002-2003

## BIBLIOGRAPHY

### *Publications in Scientific Journals*

#### *Peer-Reviewed Publications*

1. **Langa KM**, Sussman EJ. The effect of cost-containment policies on rates of coronary revascularization in California. New England Journal of Medicine. 1993; 329(24): 1784-1789.
2. Katz S, Kabeto M, **Langa KM**. Gender disparities in the receipt of home care for elderly people with disability in the United States. JAMA. 2000; 284(23): 3022-3027.
3. Kent D, **Langa KM**, Selker H. The potential use of ECG-based prognostic instruments in clinical trials and cost-effectiveness analyses of new therapies in acute cardiac ischemia. The Journal of Electrocardiology. 2000; 33(Supplement): 263-268.
4. **Langa KM**, Chernew M, Kabeto M, Katz S. The explosion in paid home health care in the 1990's: Who received the additional services? Medical Care. 2001; 39(2): 147-157.
5. Hayman J, **Langa KM**, Kabeto M, Katz S, DeMonner S, Chernew M, Slavin M, Fendrick AM. Estimating the cost of informal caregiving for elderly patients with cancer. Journal of Clinical Oncology. 2001; 19(13): 3219-3225.
6. **Langa KM**, Chernew M, Kabeto M, Herzog AR, Ofstedal MB, Willis R, Wallace R, Mucha L, Straus W, Fendrick AM. National estimates of the quantity and cost of informal caregiving for the elderly with dementia. Journal of General Internal Medicine. 2001; 16(11): 770-778.
7. **Langa KM**, Fultz N, Saint S, Kabeto M, Herzog AR. Informal caregiving time and costs for urinary incontinence in older individuals in the United States. Journal of the American Geriatrics Society. 2002; 50(4): 733-737.
8. **Langa KM**, Vijan S, Hayward R, Chernew M, Blaum C, Kabeto M, Weir D, Katz S, Willis R, Fendrick AM. Informal caregiving for diabetes and diabetic complications among elderly Americans. Journal of Gerontology: Social Sciences. 2002; 57B(3): S177-S186.
9. Hickenbottom S, Fendrick AM, Kutcher J, Kabeto M, Katz S, **Langa KM**. A national study of the quantity and cost of informal caregiving for the elderly with stroke. Neurology. 2002; 58: 1754-1759.
10. Nallamotheu BK, Saint S, Eagle KA, **Langa KM**, Fendrick AM, Hogikyan RV, Kelley K, Ramsey S. Coronary artery bypass grafting in octogenarians: Clinical and economic outcomes at community-based healthcare facilities. American Journal of Managed Care. 2002; 8(8): 749-755.

*Peer-Reviewed Publications (cont'd)*

11. **Langa KM**, Fendrick AM, Flaherty K, Martinez F, Kabeto M, Saint S. Informal caregiving for chronic lung disease among older Americans. Chest. 2002; 122(6): 2197-2203.
12. Blaum CS, Ofstedal MB, **Langa KM**, Wray L. Functional status and health outcomes in older Americans with diabetes. Journal of the American Geriatrics Society, 2003; 51(6): 745-753.
13. Mehta K, Yaffe K, **Langa KM**, Sands L, Whooley M, Covinsky K. Additive effects of cognitive function and depressive symptoms on mortality in older community living adults. Journal of Gerontology: Medical Sciences. 2003; 58A(5): 461-467.
14. Hayman J, **Langa KM**. Estimating the costs of caring for the older breast cancer patient. Critical Reviews in Oncology/Hematology. 2003; 46:255-260.
15. **Langa KM**, Fendrick AM, Chernew M, Kabeto M, Paisley K, Hayman J. Out-of-pocket health-care expenditures among older Americans with cancer. Value in Health. 2004; 7(2): 186-194.
16. **Langa KM**, Valenstein M, Fendrick AM, Kabeto M, Vijan S. Informal caregiving for older Americans with symptoms of depression. American Journal of Psychiatry. 2004; 161(5): 857-863.
17. Kent D, Fendrick AM, **Langa KM**. New and dis-improved: On the evaluation and use of less effective, less expensive medical interventions. Medical Decision Making. 2004; 24: 281-286.
18. Banaszak-Holl J, Fendrick AM, Foster N, Herzog AR, Kabeto M, Kent D, Straus W, **Langa KM**. Predicting nursing home admission: Estimates from a seven-year follow-up of a nationally representative sample of older Americans. Alzheimer Disease and Associated Disorders. 2004; 18(2): 83-89.
19. **Langa KM**, Larson EB, Wallace RB, Fendrick AM, Foster NL, Kabeto MU, Weir DR, Willis RJ, Herzog AR. Out-of-pocket health care expenditures among older Americans with dementia. Alzheimer Disease and Associated Disorders. 2004; 18(2): 90-98.
20. Heisler M, **Langa KM**, Eby E, Fendrick AM, Kabeto M, Piette J. The health effects of restricting prescription medication use due to cost. Medical Care. 2004; 42(7): 626-634.
21. Vijan S, Hayward R, **Langa KM**. The impact of diabetes on work-force participation: results from a national household sample. Health Services Research, in press.

*Peer-Reviewed Publications (cont'd)*

22. Kim C, Kabeto, M, Wallace R, **Langa KM**. Quality of preventive clinical services among caregivers in the Health and Retirement Study. Journal of General Internal Medicine. 2004; 19(8): 875-878.
23. Weiss C, Kabeto M, **Langa KM**. Differences in amount of informal care received by Non-Hispanic whites and Latinos. Journal of the American Geriatrics Society, in press.

*Non-Peer-Reviewed Publications*

1. Fendrick AM, **Langa KM**. The far-reaching effects of Alzheimer's Disease. ElderCare. 2002; 2(4): 1-4.

*Editorials*

1. **Langa KM**. An illness in the family: accounting for the complex effects of illness on other family members. American Journal of Managed Care. 2004; 10(5): 305-306.

*Articles Submitted for Publication*

1. Wray L, Ofstedal MB, **Langa KM**, Blaum C. Does the effect of diabetes on disability differ for middle-aged and older adults? Results from a population-based study. Submitted to Journal of Gerontology: Medical Sciences.
2. Richardson C, Hanlon J, Mull H, Vijan S, Hayward R, Wray L, **Langa KM**. The impact of poor health behaviors on work-force disability. Submitted to Medical Care.
3. Silveira M, Kabeto M, **Langa KM**. Predictors of symptom burden among older adults in the last year of life. Submitted to Archives of Internal Medicine.
4. Fultz N, Jenkins K, Ostbye T, Taylor D, Kabeto M, **Langa KM**. The impact of own and spouse's urinary incontinence on depressive symptoms. Submitted to Social Science and Medicine.
5. **Langa KM**, Foster N, Larson EB. Treatment of mixed dementia: clinical review. Submitted to JAMA.
6. **Langa KM**, Plassman BL, Wallace RB, Herzog AR, Heeringa S, et al. The Aging, Demographics and Memory Study: study design and methods. Submitted to Alzheimer Disease and Associated Disorders.
7. Smith D, **Langa KM**, Kabeto M, Ubel P. Health, wealth and happiness: financial resources buffer subjective well-being after the onset of a disability. Submitted to Psychological Science.

*Articles Submitted for Publication (cont'd)*

8. Nallamotheu B, Rogers M, Saint S, McMahon L, Fries B, Kaufman S, **Langa KM**. Skilled care requirements for elderly patients following coronary artery bypass grafting. Submitted to American Journal of Medicine.
9. Ubel P, Jankovic S, Smith D, **Langa KM**, Fagerlin A. What is perfect health to an 85 year-old? Evidence for scale recalibration in subjective health ratings. Submitted to Medical Care.

*Books*

1. **Langa KM**. Medicaid cost-containment in the 1980's: Did it encourage interpayer differences in hospital care?. PhD dissertation, Harris Graduate School of Public Policy, University of Chicago, Chicago, Illinois, August 1992.

*Abstracts, Preliminary Communications, Clinical Papers*

1. **Langa KM**, Sussman E. The impact of cost-containment policies on the treatment of patients with ischemic heart disease. Clinical Research 1992; 40(2): 585.
2. **Langa KM**, Chernew M, Katz S. The explosion in paid home health care: Are the additional services going to those with greatest need? Journal of General Internal Medicine 1999; 14 (Suppl. 2): 46.
3. **Langa KM**, Herzog AR, Ofstedal MB, Willis R, Kabeto M, Chernew M, Fendrick AM. Cost of family caregiving for the elderly with dementia: New estimates from a nationally representative sample. RWJ Clinical Scholars Annual Meeting, November 1999.
4. Hayman J, **Langa KM**, Kabeto M, DeMonner S, Chernew M, Slavin M, Fendrick AM. Family caregiving costs for the elderly with cancer: Estimates from a nationally representative sample. Proceedings of the American Society of Clinical Oncology 2000; 19: 433a.
5. Katz S, Kabeto M, **Langa KM**. Taking care of mother: a national study of gender disparities in receipt of home care for the disabled elderly. Journal of General Internal Medicine 2000; 15 (Suppl. 1): 79.
6. **Langa KM**, Kabeto M, Herzog AR, Chernew M, Ofstedal MB, Willis R, Wallace R, Mucha L, Straus W, Fendrick AM. The quantity and cost of informal caregiving for the elderly with dementia: Estimates from a nationally representative sample. Journal of General Internal Medicine 2000; 15 (Suppl. 1): 76.
7. Kabeto M, **Langa KM**, Fendrick AM. Using two-part models to estimate intensity of informal caregiving for the elderly with dementia. Edmonton Statistics and Health Conference, June 2000.

*Abstracts, Preliminary Communications, Clinical Papers (cont'd)*

8. **Langa KM**, Vijan S, Blaum C, Kabeto M, Chernew M, Hayward R, Katz S, Willis R, Fendrick AM. Informal caregiving for the elderly with diabetes. The Gerontologist 2000; 40 (Special Issue 1): 299.
9. Hickenbottom SL, **Langa KM**, Kutcher JS, Kabeto MU, Fendrick AM, Katz SJ. A national study of the quantity and cost of informal caregiving for the elderly with stroke. Stroke 2001; 32:A326.
10. **Langa KM**, Hayman J, Kabeto MU, Chernew M, Katz S, Slavin M, Fendrick AM. Family caregiving costs for the elderly with cancer: Estimates from a representative sample of the United States. International Society for Pharmacoeconomics and Outcomes Research, Antwerp, Belgium, November 2000. Value in Health 2000; 3(5): 352-353.
11. **Langa KM**, Kabeto MU, Herzog AR, Foster NL, Straus W, Fendrick AM. Dementia and psychiatric illness as predictors of nursing home admission: results from a nationally representative sample of U.S. elderly. Journal of General Internal Medicine 2001; 16 (Suppl. 1): 150.
12. Vijan S, **Langa KM**, Stuart N, Hayward R. Rates, causes, and costs of disability in patients with Type 2 diabetes. Journal of General Internal Medicine 2001; 16 (Suppl. 1): 180.
13. Vijan S, **Langa KM**, Stuart N, Hayward R. Racial disparities in disability in Type 2 diabetes. Journal of General Internal Medicine 2001; 16 (Suppl. 1): 180.
14. Merrell K, Cagney K, Lawlor E, **Langa KM**. Medicare beneficiaries as health plan consumers. Association for Health Services Research national meeting, June 2001.
15. **Langa KM**, Hayman J, Chernew M, Kabeto M, Slavin M, Fendrick AM. The impact of the diagnosis of cancer on out-of-pocket health care expenditures made by the U.S. elderly. Value in Health 2001; 4(6): 407.
16. **Langa KM**, Fultz NH, Saint S, Kabeto MU, Herzog AR. Informal caregiving due to urinary incontinence. The Gerontologist 2001; 41 (Special Issue 1): 389.
17. **Langa KM**, Weir DR, Kabeto MU, Fendrick AM. Predictors of high levels of out-of-pocket health care expenditures among older Americans. Journal of General Internal Medicine 2002; 17 (Suppl. 1): 179.
18. **Langa KM**, Valenstein MA, Fendrick AM, Kabeto MU, Vijan S. Informal caregiving for elderly individuals with depression. Journal of General Internal Medicine 2002; 17 (Suppl. 1): 179.

*Abstracts, Preliminary Communications, Clinical Papers (cont'd)*

19. Vijan S, **Langa KM**. The impact of diabetes on work-force participation: Results from a national household sample. Social Security Administration Retirement Research Conference, Washington, D.C., May 2002.
20. **Langa KM**, Herzog AR, Foster NL, Weir DR, Kabeto MU, Willis RJ, Fendrick AM. Out-of-pocket health care expenditures among elderly individuals with dementia in the United States. Neurobiology of Aging 2002; 23(1S): S45.
21. Richardson CR, Hanlon JT, Vijan SK, Hayward RA, Wray LA, Mull HJ, **Langa KM**. Disability costs of poor health habits. The Robert Wood Johnson Clinical Scholars Program National Meeting, 2002.
22. Silveira MJ, Kabeto MU, **Langa KM**. Symptom burden among the elderly at the end of life: If I were a rich man. Journal of General Internal Medicine 2003; 18 (Suppl. 1): 200.
23. Heisler M, **Langa KM**, Eby EL, Fendrick AM, Kabeto MU, Piette JD. The health effects of restricting prescription medication use due to cost. Journal of General Internal Medicine 2003; 18 (Suppl. 1): 175.
24. **Langa KM**, Ubel P, Brown S, Kabeto M, Schulz R. Depressive symptoms before and after the death of a spouse with dementia. Neurobiology of Aging 2004; 25(S2): S342.