

**CURRICULUM VITAE****Name: Kenneth Covinsky, M.D., M.P.H.**

**Position:** Edmund G. Brown, Sr. Endowed Chair in Geriatrics  
 Professor of Medicine  
 Department of Medicine  
 Division of Geriatrics

**Address:** Division of Geriatrics  
 San Francisco VA Medical Center  
 4150 Clement Street 181G  
 San Francisco, CA 94121

Voice: (415) 221-4810 x4363  
 FAX: (415) 750-6641  
 email: Ken.Covinsky@ucsf.edu

**EDUCATION**

1980-84	University of Illinois, Urbana, IL	B.S.	Summa Cum Laude, Biochemistry
1984-88	University of California, San Francisco	M.D.	
1988-91	Johns Hopkins Hospital, Baltimore, MD	Internship/ Residency	Internal Medicine
1992-94	Beth Israel Hospital/ Harvard Medical School	Faculty Development/ Fellowship	General Internal Medicine
1992-94	Harvard School of Public Health	M.P.H.	

**LICENSES, CERTIFICATION**

1991 American Board of Internal Medicine  
 1999 California

**PRINCIPAL POSITIONS HELD**

1991-92	Johns Hopkins Hospital	Part-Time Staff	Medicine
1992-94	Beth Israel Hospital	Clinical Fellow	Medicine
1994-98	Cleveland Veterans Administration Medical Center	Full-Time Staff	Medicine
1994-98	University Hospitals of Cleveland	Full-Time Staff	Medicine
1994-98	Case Western Reserve University	Assistant Professor	Medicine
1998-	San Francisco Veterans Affairs Medical Center	Part-Time Staff	Medicine

1998-01	University of California, San Francisco	Assistant Professor	Medicine
2001-06	University of California, San Francisco	Associate Professor	Medicine
2006-	University of California, San Francisco	Professor in Residence	Medicine

## HONORS AND AWARDS

1984	Phi Beta Kappa
1986	Alpha Lambda Delta Fellowship for Post-Graduate Study
1988	Alpha Omega Alpha
1996	Outstanding Teaching Award-Division of General Internal Medicine Fellowship
1997	Top 10% of Reviewers, Annals of Internal Medicine
1997	Top 5% of Reviewers, Journal of General Internal Medicine
1997	Nominee, Ambulatory Teacher of the Year Award, CWRU Department of Medicine Residency Training Program
1998	Nominee, Ambulatory Teacher of the Year Award, CWRU Department of Medicine Residency Training Program
1998	Top 10% of Reviewers, Annals of Internal Medicine
1999	Top 10% of Reviewers, Annals of Internal Medicine
1999	Paul Beeson Faculty Scholar in Aging Research
2000	Top 10% of Reviewers, Annals of Internal Medicine
2001	Top 5% of Reviewers for Years 1996-2001, Medical Care
2002	Top 10% of Reviewers, Annals of Internal Medicine
2004	Outstanding Teacher of the Year, UCSF Division of Geriatrics
2004	Outstanding Achievement in Clinical Investigation, Society of General Internal Medicine, California Region
2005	Clinical Research Mentor of the Year, UCSF/Bay Area Clinical Research Symposium
2006	Edmund G. Brown, Sr. Endowed Chair in Geriatrics
2007	Mid-Career Research Mentorship Award, Society of General Internal Medicine

## PROFESSIONAL ORGANIZATIONS

### Memberships

1988-	American College of Physicians
1990-	Society of General Internal Medicine (National Council, 2002-2005)
1996-	American Geriatrics Society
1997-	Gerontological Society of America

### Service to Professional Organizations

1999	American Geriatrics Society Foundation on Health and Aging	Ad Hoc Advisory Committee
1999-02	Society of General Internal Medicine Research Committee	Vice-Chair (1999-01), Chair (2001-02)
2000-01	Society of General Internal Medicine, Best Research Paper of the Year Selection Committee	Chair (2001)

2000-	Society of General Internal Medicine Annual Meeting Abstract Review	Co-Chair
2002	Society of General Internal Medicine External Funds Task Force	Member
2002-05	Society of General Internal Medicine National Council	Elected member
2003-05	Society of General Internal Medicine Membership Committee	Council Liason
2003-05	American College of Physicians Publications Committee	Member
2003-06	American Geriatrics Society Research Committee	Member
2003	Society of General Internal Medicine, John Eisenberg Award	Selection Committee
2004-06	Society of General Internal Medicine, Robert Glaser Award	Selection Committee

## **SERVICE TO PROFESSIONAL PUBLICATIONS**

### Editorial Boards

1998-01	Editorial Board, Journal of General Internal Medicine
2001-04	Editorial Board, Annals of Internal Medicine
2002-	Editorial Board, Aging: Clinical and Experimental Research
2003-	Editorial Board, American Journal of Medicine
2003-	Editorial Board, Journal of the American Geriatrics Society

### Reviewer

1995-	Reviewer, Journal of General Internal Medicine
1996-	Reviewer, Annals of Internal Medicine
1997-	Reviewer, Medical Care
1998-	Reviewer, Joint Commission Journal on Quality Improvement
1998-	Reviewer, Journals of Gerontology: Medical Sciences
1998-	Reviewer, American Journal of Medicine
1999-	Reviewer, Aging: Clinical and Experimental Research
1999-	Reviewer, Journal of Clinical Epidemiology
2000-	Reviewer, Journal of the American Geriatrics Society
2002-	Reviewer, Journal of the American Medical Association
2003-	Reviewer, New England Journal of Medicine

### Editorial

2000	Co-Editor, Journal of the American Geriatrics Society: SUPPORT Project Supplement
2001	Associate Editor, Journal of Clinical Epidemiology: Acquired Immune Deficiency Syndrome and Aging Supplement

## **INVITED PRESENTATIONS**

### INTERNATIONAL

03/18/06	Longitudinal Studies to Examine Prognosis. 2nd International Working Meeting on Frailty and Aging; Montréal, Canada.
----------	--

NATIONAL

- 05/17/96 Improving patient outcomes through a patient centered approach: Lessons from a unit for acute care of elders. Picker Institute Second National Conference on Patient Centered Care; St Louis, MO.
- 02/15/97 The relationships between depression, malnutrition, and poor medical outcomes in acutely ill hospitalized elders. National Meeting of the Claude D. Pepper Older American Independence Centers; Los Angeles, CA.
- 04/04/97 Depression as a risk factor for poor medical outcomes. Division of General Internal Medicine and Geriatrics Research Seminar; University of Chicago, IL.
- 05/02/97 Panelist: Junior faculty research development in the changing academic health center. National Meeting of the Society of General Internal Medicine; Washington, DC.
- 05/09/97 Impact of serious illness on patients' families. New York Hospital Fund Families and Health Care Advisory Committee.
- 06/12/97 Financial impact of serious illness on patients' families. Robert Wood Johnson Foundation Conference on Costs of End of Life Care; Princeton, NJ.
- 09/11/97 Risk factors for poor outcomes in older patients: The role of depression. Division of Geriatrics Research Seminar; UCSF School of Medicine.
- 01/30/98 Case-mix and severity of illness adjustment in outcomes research. Technical University of Berlin Patient Oriented Outcomes Research Symposium; Berlin, Germany.
- 02/07/98 Malnutrition and adverse outcomes in hospitalized elders. Society for Clinical Epidemiology and Health Care Research; Carmel, CA.
- 10/30/98 Financial Costs to Families of End of Life Care. Robert Wood Johnson Foundation Last Acts Symposium and Briefing; New York, NY.
- 04/30/99 Should this article change my practice? A systematic approach to reading a journal article. (Workshop director) Society of General Internal Medicine Annual Meeting; San Francisco, CA.
- 05/21/99 Funding strategies for junior investigators in Geriatrics (Panelist). American Geriatrics Society Annual Meeting; Philadelphia, PA.
- 05/28/99 Outcomes of Frail Elders Living in the Community. Annual Meeting of the Paul Beeson Physician Faculty Scholars; Washington, DC.
- 05/03/00 Overcoming Common Problems in Developing a Research Career (Panelist). Society of General Internal Medicine Annual Meeting; Boston, MA.
- 05/31/00 National Expert Panel on Quality Measurement in Post Acute Care (Panelist). U.S. Department of Health and Human Services, Office of Planning and Evaluation; Denver, CO.
- 05/04/01 NIH and AHRQ Career Development Awards: Tips for Junior Investigators. Society of General Internal Medicine Annual Meeting; San Diego, CA.
- 05/05/01 Update in Geriatrics (panelist). Society of General Internal Medicine Annual Meeting; San Diego, CA.
- 10/29/01 Screening and prevention in frail elders. Program of All-Inclusive Care for the Elderly Annual Meeting; St Louis, MO.
- 04/25/02 Assessing prognosis in the elderly: A multidimensional view of risk. Institute for Social Research; University of Michigan, Ann Arbor.
- 11/29/02 Risk for Adverse Outcomes in Elders: A multidimensional view. Beth Israel Hospital, Division of General Internal Medicine and Primary Care.
- 01/22/03 Functional Status in the elderly: Why it matters. Medicine Grand Rounds; University of California, Davis.

- 03/21/03 Outcomes in vulnerable elders: A multidimensional view: University of California, Los Angeles, Division of Geriatrics.
- 10/09/03 Importance of Functional Status in the Elderly. Society of Geriatric Anesthesia Annual Meeting; San Francisco, CA
- 02/27/04 The Measurement and Importance of Functional Status in the Elderly. Medical Grand Rounds; University of Pittsburgh.
- 02/27/04 Prognostic Indices in the Elderly. Geriatrics Grand Rounds; University of Pittsburgh.
- 10/19/04 Functional Outcomes in the Elderly. Program in Outcomes Research Seminar; UCSD/San Diego VAMC.
- 01/07/05 Prognostic Measures in Older Populations. Kaiser Permanente Division of Research; Oakland, CA.
- 05/12/05 Career Development for the Mid-Career Investigator (Panelist). Society of General Internal Medicine Annual Meeting (workshop); New Orleans, LA.
- 06/20/05 Prognostic Measures in Older Patients. Case Western Reserve University/ University Hospitals of Cleveland, Department of Medicine.
- 01/30/06 Prognostic Measures in Older Patients. Johns Hopkins Center on Aging and Health; Baltimore, MD.
- 11/02/06 What Can Functional Status Tell Us About Older Patients. Internal Medicine Grand Rounds; University of Utah.
- LOCAL
- 09/24/96 Principles of Data Analysis. Cleveland Clinic Foundation Course on Research Methods for New Investigators.
- 09/27/96 Nutritional Issues in Hospitalized Older Patients (moderator). Creating the Future of Geriatric Care: Acute Care For Elders; Case Western Reserve University, Cleveland, OH.
- 10/29/96 Minimizing Bias in Clinical Research. Cleveland Clinic Foundation Course on Research Methods for New Investigators.
- 11/01/96 The Relationship Between Depression and Poor Outcomes in Older People. Topics in Geriatric Medicine; Case Western Reserve University.
- 02/04/97 Is Depression a Risk Factor For Poor Outcomes in Medical Patients? Department of Medicine Grand Rounds; Case Western Reserve University.
- 09/23/98 Health status outcomes after myocardial infarction. Geriatrics Division Research Conference.
- 07/06/99 Outcomes in patients enrolled in the Program for all Inclusive Care of the Elderly. Center on Minority Health and Aging.
- 04/12/00 Reduction in work hours in caregivers of the chronically ill. Division of Geriatrics Research Conference.
- 06/12/01 Update in Geriatrics. Geriatrics Grand Rounds; UCSF.
- 05/28/02 Why Function Matters. Update in Geriatrics CME course.
- 02/20/03 The importance and assessment of functional status in the elderly. Department of Medicine Grand Rounds; UCSF.
- 01/22/05 Your First Research Project. School of Nursing Research Seminar; UCSF.
- 02/02/05 Prognostic Measures in Older Patients. Geriatrics Grand Rounds; UCSF.
- 06/06/05 Prognostic Measures in Older Patients. SF VAMC Research Seminar Series.

- 11/2/05 Bridge: A game for the aged or a game for the ages? Geriatrics Grand Rounds, University of California, San Francisco
- 05/08/06 The Spectrum of Aging Research. Research Week 2006; San Francisco VA Medical Center.
- 05/25/06 Functional Status in the Elderly. Medical Grand Rounds; San Mateo Country Hospital.
- 03/07/07 Sally Herriot vs. Channing House. Geriatrics Grand Rounds; UCSF.
- 03/24/07 SGIM California Regional Meeting; San Francisco, CA

## GRANT REVIEW

- 1999 Ad Hoc Reviewer, AHRQ Health Research Implementation and Dissemination Study Section
- 2000 Ad Hoc Reviewer, AHRQ Health Systems Research Study Section
- 2001, 2002 Alzheimer's Association Investigator Initiated Research Grants
- 2001 Reviewer: National Institutes of Mental Health Special Emphasis Panel (International Health Services Research Training Grants)
- 2002, 2004, Reviewer: National Institute on Aging Special Emphasis Panel: Claude Pepper Older  
2006 Americans Independence Centers
- 2006- Program Committee Member, Reviewer, Hartford Foundation Scholar Awards in Geriatric  
Outcomes Research
- 2007- Ad Hoc Reviewer, NIH Health Services Organization and Delivery Study Section.

## UNIVERSITY SERVICE

### CASE WESTERN RESERVE UNIVERSITY

- 1995-1998 Member, Intern Selection Committee, Department of Medicine, Case Western Reserve University
- 1995-1998 Co-Director, Fellowship Program in General Internal Medicine, Case Western Reserve University

### UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

- 1998- Member, Fellow Selection Committee, Division of Geriatrics
- 2004- Member, Department of Medicine Promotions Subcommittee
- 2004- Member, Academic Senate Research Committee

### SAN FRANCISCO VETERANS AFFAIRS MEDICAL CENTER

- 2004-2005 Member, Clinical Research Committee
- 2005- Member, Research and Development Committee

## TEACHING and MENTORING

### EDUCATIONAL AND TEACHING ACTIVITIES

- 1991-1992 Preceptor, Resident Clinic, Johns Hopkins Hospital Department of Medicine
- 1991-1992 Attending Physician, Johns Hopkins Hospital Department of Medicine

1992-1994	Preceptor, Beth Israel Hospital Resident Clinic
1993-1994	Preceptor, Critical Reading Curriculum, Beth Israel Hospital Department of Medicine Residency Program
1994-1998	Preceptor, CWRU Introduction to Medical Interviewing (First year medical student course)
1994-1998	Department of Medicine Housestaff Journal Club—Faculty Discussant, 3-4 sessions/year
1995	Preceptor, CWRU Physical Diagnosis Course (Second year medical student course)
1995-1998	Ward Attending, University Hospitals of Cleveland/Cleveland VAMC. Responsible for supervision and education of medical housestaff and third year medical students one month per year
1995	Co-Director, Clinical Epidemiology and Health Care Research: A Course on Design, Measurement, and Quantitative Measures for Clinicians Becoming Investigators, Program in Health Care Research, CWRU
1996-1998	Attending, University Hospitals of Cleveland Resident Ambulatory Clinic, one session per week
1998-	Ward Attending, San Francisco Veterans Affairs Medical Center
1998-	Director, Division of Geriatrics Journal Club
1998-	Director, Division of Geriatrics Works in Progress Conference
2001-	Geriatrics Consult Service Attending

#### MENTEES

Name	Nature of mentorship/Dates	Project	Accomplishments*	Current Position
Louise Walter, MD	Primary (Fellow/Faculty) 1998-2006	Cancer Screening in the Elderly	pubs 31, 32, 34, 45, 53, 54, 55 VA HSR&D career award; VA IIR; RWJ Scholar	Associate Professor of Medicine, UCSF
Michael Steinman, MD	Primary (Fellow/Faculty) 1999 Secondary 2000-2006	Self-restriction of medications because of cost	Pub 35 VA HSR&D career award; VA IIR	Assistant Professor of Medicine, UCSF
Kala Mehta, Ph.D.	Primary (Fellow/Faculty) 1999-present	Depression, cognitive impairment, and health outcomes in elders	Pubs 38, 47, 52, 60 NIA minority supp NIA K01	Assistant Professor of Medicine, UCSF
Erwin Tan, MD	Primary (Fellow) 1999-2001	Impact of PACE program on black-white health disparities	Pub 40 GACA award White House Fellow	Assistant Professor of Medicine, Johns Hopkins
Elizabeth Lindenberger, MD	Primary (Fellow) 2000-2002	Unsteadiness and the risk or functional decline	Pub 46 GACA award	Assistant Professor, George Washington
Kenneth Chuang, MD	Co-Mentor (Fellow) 2001-2003	Functional impairment and high health care costs	Pub 51	Assistant Professor of Medicine, UCSF
Laura Sands, Ph.D.	Primary (Faculty) 2001-2004	Functional changes in frail elders	Pub 35, 39, 41, 50, 61 R01 (NIA)	Associate Professor of Nursing, Purdue
Jayna Holroyd Le Duc, MD	Primary (Fellow) 2002-2004	Incontinence and health outcomes	Pub 52	Assistant Professor, University of Alberta
Sandra Moody-Ayers, MD	Primary (Faculty) 2002-present	Race disparities and health outcomes in elders	Pub 60 NIH minority supplement. VAHSR&D Career award	Associate Professor of Medicine, UCSF
Kaycee Sink, MD	Secondary (Fellow) 2002-2004	Problem behaviors in elders with dementia	Pub 56, 69 Hartford Outcomes	Assistant Professor, Wake Forest

			Scolar	
Elise Carey, MD	Primary (Fellow) 2002-2004	Functional status as a prognostic measure	Pub 58 GACA award	Assistant Professor of Medicine, UCSF
Margaret Fang, MD	Secondary (Faculty) 2004-present	Anticoagulation in elders with Afib	Hartford Outcomes Scolar; Beeson	Assistant Professor of Medicine, UCSF
Sei Lee, MD	Primary (Fellow) 2004-present	Prediction of mortality in elders	Pub 66	Current Fellow, UCSF
Brie Williams, MD	Primary (Fellow/Faculty) 2004-present	Outcomes in disadvantaged elders	Pub 70 Hartford Outcomes Scholar	Assistant Professor of Medicine, UCSF
Douglas White, MD	Secondary (Fellow/Faculty) 2004-present	Communication with families of ICU patients	UCSF Roadmap K12 award	Assistant Professor of Medicine, UCSF
Rebecca Sudore, MD	Primary (Fellow/Faculty) 2005-present	Health literacy in elders	NIA Diversity Supplement	Assistant Professor of Medicine, UCSF
Manjula Kurella, MD	Secondary (Faculty) 2006-present	Outcomes of elderly dialysis patients	Pub 72 ASN geriatric nephrology award	Assistant Professor of Medicine, UCSF
Rebecca Shane, MD	Secondary (Fellow) 2006-present	Depression in elders with COPD	Am Thoracis Society abstract	Pulmonary Fellow, UCSF

\*Publication numbers refer to publications as listed subsequently on this CV

GACA=Geriatric Academic Career Award

VA HSR&D=VA Health Services Research and Development Service

## RESEARCH AND CREATIVE ACTIVITIES

### RESEARCH AWARDS AND GRANTS

#### CURRENT

R01 AG028481 (PI) National Institute on Aging Depressive Symptoms, Aging, Disability and Health Outcomes	10/1/07-10/1/10 *pending \$600,000 direct/yr 1-3
R01 AG023626 (PI) National Institute on Aging Diseases/function/self-health in risk indices for elders	9/1/04-9/1/08 (no cost extension) \$387,500 direct/yr 1-3
DOD (PI) Department of Defense Major Depression in Military Veterans: Prevalence and Health Outcomes	1/1/07-12/31/08 \$299,664 direct/yr 1-2
R01 AG029233 (Co-Investigator) National Institute on Aging Risk Indices for Disability Among Hospitalized Older Persons (C. Seth Landefeld, MD-PI)	7/1/06-6/30/09 \$600,000 direct/yr 1-3
IIR 06-080 (Co-Investigator) Department of Veterans Affairs Guideline adherence in elders with heart failure and multiple comorbidities (Michael Steinman, MD-PI)	7/1/07-10/1/10 \$634,500 direct/yr 1-3

IIR 04-427 (Co-Investigator/Mentor to PI) Department of Veterans Affairs Impact of Health Status on Colorectal Cancer Screening in Older Adults (Louise Walter, MD-PI)	1/1/06-1/1/11 \$673,500 direct/ yrs 1-5
Improving the Care and Outcomes of Older Veterans (Associate Director) VA HSR&D REAP (Mary Margaret Chren-PI)	4/1/02-3/31/12 \$1,250,000 direct/ yrs 1-5
R01 AG022090 (Co-Investigator, UCSF Site PI, Mentor to PI) National Institute on Aging Progressive Functional Decline in Disabled Elders (Laura Sands, Ph.D-PI)	4/1/04-4/1/08 (no cost extension) \$350,000 direct/ yrs 1-3
T35 AG026736 (Co-Investigator, UCSF Site PI, Student Mentor) Summer Research Training in Aging for Medical Students (Alison Moore, MD-PI)	6/1/05-5/31/10 \$620,000 direct/ yrs 1-5
BC045360 (Co-Investigator) Department of Defense (Louise Walter, MD-PI) Targeting of Screening Mammography to Healthy Elderly Women	9/1/05-8/31/07 (no cost extension) 75,000 direct/ yr
<u>PAST</u>	
1R01 AG19827 (PI) National Institute on Aging Prognosis/risk adjustment for function/mortality in elders	9/30/01-8/31/06 (no cost extension) \$497,000 direct/ yrs 1-4
5 K-02 HS00006 (PI) Department of Health and Human Services Comprehensive Outcomes of Frail Elders in the Community (PI)	9/30/00-9/30/06 (no cost extension) \$462,500 direct/ yrs 1-5 5/1/95-4/30/96
Alzheimer Center Pilot Grant Program The Financial Impact of Alzheimer's Disease on Patients' Families	\$11,070 direct/ yr 1
IIRG-95-162 (Co-Investigator) Alzheimer's Association Physician Partnership Program: Implementation and Evaluation (PI)	8/1/95-7/31/98 9/1/95-9/1/97
Frackelton Memorial Foundation Malnutrition in Hospitalized Elders: A prospective study	\$50,000 direct/ yrs 1-2
1K23AG00714 (PI) National Institute on Aging Improving Quality of Life in Elders With Acute and Chronic Illness (Co-PI)	5/01/96-4/30/01 \$458,326 direct/ yrs 1-5 10/1/97-6/30/01
Department of Veterans Affairs HSR&D Development Service Ethnic/Cultural Variations in the Care of Veterans With Osteoarthritis	\$750,000 direct/ yrs 1-4

Paul Beeson Faculty Scholars Program (PI)	7/1/99-6/30/04
American Foundation For Aging Research	\$450,000 direct/yr 1-5
Outcomes of frail nursing home-eligible elders living in the Community	
(PI)	2/1/95-11/30/95
Case Western Reserve University Pepper Center Pilot Grants Program	\$7,200 direct/yr 1
Depressive Symptoms and the Disability Pathway in Hospitalized Elders	

#### MENTORED CAREER DEVELOPMENT AWARDS

7/1/02-7/1/08	Cancer Screening in the Elderly (Louise Walter, MD-PI). VA HSR&D Service (Primary Mentor)
7/1/04-7/1/07	Race/Ethnic disparities in the care/outcomes of Older Veterans (Sandra-Moody Ayers, MD-PI). VA HSR&D Service (Primary Mentor)
7/1/05-7/1/10	Prognostic Communication with Families of Debilitated ICU patients (Douglas White, MD-PI). UCSF Roadmap K12 (Co-Mentor)
7/1/05-7/1/08	Anticoagulation decision making in frail elders (Margaret Fang, MD-PI). Hartford Foundation Scholars in Geriatric Outcomes research (Secondary Mentor)
10/1/05-9/30/10	Race/Ethnicity, Cognitive Function, and Health Outcomes (Kala Mehta-PI). NIA K01 award. (Primary Mentor).

#### **PEER REVIEWED PUBLICATIONS**

1. Covinsky KE, Goldman L, Cook EF, Oye R, Desbiens N, Fulkerson W, Connors A, Lynn J, Phillips RS, for the SUPPORT Investigators. The impact of serious illness on patients' families. *JAMA* 1994;272:1839-1844.
2. Covinsky KE, Landefeld CS, Teno J, Connors AF, Dawson N, Youngner S, Desbiens N, Lynn J, Fulkerson W, Reding D, Oye R, Phillips RS, for the SUPPORT Investigators. Is economic hardship on the families of the seriously ill associated with patient and surrogate care preferences? *Arch Intern Med* 1996;156:1737-1741.
3. Beyth RJ, Antani MR, Covinsky KE, Miller DG, Chren MM, Quinn LM, Landefeld CS. Why isn't warfarin prescribed to patients with nonrheumatic atrial fibrillation? A study of physicians' opinions and their relationship to clinical characteristics and prescribing practices. *J Gen Intern Med* 1996;11:721-728.
4. Antani MR, Beyth RJ, Covinsky KE, Anderson PA, Miller DG, Cebul RD, Quinn LM, Landefeld CS. Failure to prescribe warfarin to patients with nonrheumatic atrial fibrillation. *J Gen Intern Med* 1996;11:713-720.
5. Covinsky KE, Bates CK, Davis RB, Delbanco TL. Physicians' attitudes towards using patient reports to assess quality of care. *Acad Med* 1996;71:1353-1356.
6. Chren MM, Lasek RJ, Quinn LM, Covinsky KE. Convergent and discriminant validity of a generic and a disease-specific instrument to measure quality of life in patients with skin disease. *J Invest Derm* 1997;108:103-107.
7. Covinsky KE, Fortinsky RH, Palmer RM, Kresevic DM, Landefeld CS. Relation between symptoms of depression to health status outcomes in acutely ill hospitalized elders. *Ann Intern Med* 1997;126:417-425.
8. Rosenthal GE, Harper DL, Shah A, Covinsky KE. A regional evaluation of variation in low-severity hospital admissions. *J Gen Intern Med* 1997;12:416-422.

9. Covinsky KE, Justice AC, Rosenthal GE, Palmer RM, Landefeld CS. Measuring prognosis and case-mix in hospitalized elders: The importance of functional status. *J Gen Intern Med* 1997;12:203-208.
10. Covinsky KE, King JT, Quinn LM, Siddique RM, Palmer R, Kresevic D, Fortinsky RH, Kowal J, Landefeld CS. Do acute care for elders units increase hospital costs? A cost analysis using the hospital perspective. *J Am Geriatr Soc* 1997;45:729-734.
11. Roach MJ, Connors AF, Dawson NV, Wenger NS, Wu AW, Tsevat J, Desbiens N, Covinsky KE, Schubert DS. Depressed mood and survival in seriously ill hospitalized adults. *Arch Intern Med* 1998;158:397-404.
12. Covinsky KE, Palmer RM, Kresevic DM, Kahana E, Counsell SR, Fortinsky RH, Landefeld CS. Improving functional outcomes in older patients: Lessons from an Acute Care for Elders Unit. *Jt Comm J Qual Improv* 1998;24:63-76.
13. Chin MH, Covinsky KE, McDermott MM, Thomas EJ. Building a research career in general internal medicine: A perspective from young investigators. *J Gen Intern Med* 1998;13:117-122.
14. Covinsky KE, Rosenthal GE, Chren MM, Justice AC, Fortinsky RH, Palmer RM, Landefeld CS. The relation between health status changes and patient satisfaction in older hospitalized medical patients. *J Gen Intern Med* 1998;13:223-229.
15. Justice AC, Covinsky KE, Berlin JA. Assessing the generalizability of prognostic information. *Ann Intern Med* 1999;130:515-524.
16. Kresevic DM, Counsell SR, Covinsky K, Palmer R, Landefeld CS, Holder C, Beeler J. A patient-centered model of acute care for elders. *Nurs Clin North Am* 1998;33:515-527.
17. Covinsky KE, Wu AW, Landefeld CS, Connors AF, Phillips RS, Tsevat J, Dawson NV, Lynn J, Fortinsky RH. Health status versus quality of life in older patients: does the distinction matter? *Am J Med* 1999;106:435-440.
18. Covinsky KE, Kahana E, Chin MH, Palmer RM, Fortinsky RH, Landefeld CS. Depressive symptoms and 3-year mortality in older hospitalized medical patients. *Ann Intern Med* 1999;130:563-569.
19. Covinsky KE, Martin GE, Beyth RJ, Justice AC, Sehgal AR, Landefeld CS. The relationship between clinical assessments of nutritional status and adverse outcomes in older hospitalized medical patients. *J Am Geriatr Soc* 1999;47:532-538.
20. Fortinsky RH, Covinsky KE, Palmer RH, Landefeld CS. Effects of functional status changes before and during hospitalization on nursing home admission of older adults. *J Gerontol A Biol Sci Med Sci* 1999;54:M521-M526.
21. Covinsky KE, Chren MM, Harper DL, Way LE, Rosenthal GE. Differences in patient reported outcomes between men and women with myocardial infarction. *J Gen Intern Med* 2000;15:169-174.
22. Covinsky KE, Palmer RM, Counsell SR, Pine ZM, Walter LC, Chren MM. Functional status before hospitalization in acutely ill older adults: validity and clinical importance of retrospective reports. *J Am Geriatr Soc* 2000;48:164-169.
23. Sehgal AR, Silver MR, Covinsky KE, Coffin R, Cain JA. Use of standardized ratios to examine variability in hemodialysis vascular access ratios across facilities. *Am J Kidney Dis* 2000;35:275-281.
24. Wright PJ, Fortinsky RH, Covinsky KE, Anderson PA, Landefeld CS. Delivery of preventive services to older black patients using neighborhood health centers. *J Am Geriatr Soc* 2000;48:124-130.
25. Covinsky KE, Fuller JD, Yaffe K, Johnston CB, Hamel MB, Lynn J, Teno JM, Phillips RS. Communication and decision making in seriously ill patients: Findings of the SUPPORT Project. *J Am Geriatr Soc* 2000;48:S187-S188.
26. Hamel MB, Lynn J, Teno JM, Covinsky KE, Wu AW, Galanos A, Desbiens NA, Phillips RS. Age-related differences in care preferences, treatment decisions, and clinical outcomes of seriously ill hospitalized adults: lessons from SUPPORT. *J Am Geriatr Soc* 2000;48:S176-S182.

27. Lynn J, DeVries KO, Arkes HR, Stevens M, Cohn F, Murphy P, Covinsky KE, Hamel MB, Dawson NV, Tsevat J. Ineffectiveness of the SUPPORT intervention: Review of explanations. *J Am Geriatr Soc* 2000;48:S206-S213.
28. Counsell SR, Holder CM, Liebenauer LL, Palmer RM, Fortinsky RH, Kresevic DM, Quinn LM, Allen KR, Covinsky KE, Landefeld CS. Effects of a multicomponent intervention on functional outcomes and process of care in hospitalized older patients: a randomized controlled trial of Acute Care for Elders (ACE) in a community hospital. *J Am Geriatr Soc* 2000;48:1572-1581.
29. Covinsky KE, Kahana EM, Kahana B, Kercher K, Schumacher JG, Justice AC. History and mobility exam index to identify community dwelling elderly persons at risk of falling. *J Gerontol A Biol Sci Med Sci* 2001;56:M253-M259.
30. Yaffe K, Barnes D, Nevitt M, Lui LY, Covinsky K. A prospective study of physical activity and cognitive decline in elderly women: Women who walk. *Arch Intern Med* 2001;161:1703-1708.
31. Walter LC, Covinsky KE. Cancer screening in elderly patients: A framework for individualized decision making. *JAMA* 2001;285:2750-2756.
32. Walter LC, Brand RJ, Counsell SR, Palmer RM, Landefeld CS, Fortinsky RH, Covinsky KE. Development and validation of a prognostic index for 1-year mortality in older adults after hospitalization. *JAMA* 2001;285:2987-2994.
33. Covinsky KE, Eng C, Liu LY, Sands LP, Sehgal AR, Walter LC, Weiland D, Eleazar GP, Yaffe K. Reduced employment in caregivers of frail elders: Impact of ethnicity, patient clinical characteristics, and caregiver characteristics. *J Gerontol A Biol Sci Med Sci* 2001;56A:707-713.
34. Walter LC, Eng C, Covinsky KE. Screening mammography for frail older women: What are the burdens? *J Gen Intern Med* 2001;16:779-784.
35. Steinman MA, Sands LP, Covinsky KE. Self-restrictions of medications due to cost in seniors without prescription coverage: A national survey. *J Gen Intern Med* 2001;16:793-799.
36. Covinsky KE, Covinsky MH, Palmer RM, Sehgal AR. Serum albumin concentration and clinical assessments of nutritional status in hospitalized elders: Different sides of different coins? *J Am Geriatr Soc* 2002;50:631-637.
37. Yaffe K, Fox P, Newcomer R, Sands L, Lindquist K, Dane K, Covinsky KE. Patient and caregiver characteristics and nursing home placement in patients with dementia. *JAMA* 2002;287:2090-2097.
38. Mehta K, Yaffe K, Covinsky KE. Cognitive impairment, depressive symptoms, and functional decline in older people. *J Am Geriatr Soc* 2002;50:1045-1050.
39. Sands LP, Yaffe K, Liu L, Stewart A, Eng C, Covinsky KE. The effects of acute illness on ADL decline over 1 year in frail older adults with and without cognitive impairment. *J Gerontol A Biol Sci Med Sci* 2002;57:M449-M454.
40. Tan EJ, Lui L, Eng C, Jha A, Covinsky KE. Differences in mortality of black and white patients enrolled in the in the program of all-inclusive care for the elderly (PACE). *J Am Geriatr Soc* 2003;51:246-251.
41. Sands LP, Yaffe K, Covinsky K, Chren MM, Counsell S, Palmer R, Fortinsky R, Landefeld CS. Cognitive screening predicts magnitude of functional recovery from admission to 3 months after discharge in hospitalized elders. *J Gerontol A Biol Sci Med Sci* 2003;58:37-45.
42. Covinsky KE, Palmer RM, Fortinsky RH, Counsell SR, Stewart AL, Kresevic D, Burant CJ, Landefeld CS. Loss of independence in activities of daily living in older adults hospitalized with medical illness: Increased vulnerability with age. *J Am Geriatr Soc* 2003;51:451-458.
43. Covinsky KE, Eng C, Lui LY, Sands LP, Yaffe K. The last two years of life: Functional trajectories of frail older people. *J Am Geriatr Soc* 2003;51:492-498.

44. Zimmerer JL, Leon JB, Covinsky KE, Desai U, Sehgal AR. Diet Monotony as a correlate of poor nutritional intake among hemodialysis patients. *J Ren Nutr* 2003;13:72-77.
45. Walter LC, Lui L, Eng C, Covinsky, KE. Risk of hip fracture in disabled community-living older adults. *J Am Geriatr Soc* 2003;51:50-55.
46. Lindenberger EC, Landefeld CS, Sands LP, Counsell SR, Fortinsky RH, Palmer RM, Kresevic DM, Covinsky KE. Unsteadiness reported by older hospitalized patients predicts functional decline. *J Am Geriatr Soc* 2003;51:621-626.
47. Mehta KM, Yaffe K, Langa KM, Sands L, Whooley M, Covinsky KE. Additive effects of cognitive function and depressive symptoms on mortality in older community-living adults. *J Gerontol A Biol Sci Med Sci* 2003;58:M461-M467.
48. Newcomer R, Covinsky KE, Clay T, Yaffe K. Predicting 12-month mortality for persons with dementia. *J Gerontol B Psychol Sci Soc Sci* 2003;58:187-198.
49. Yaffe K, Edwards ER, Covinsky KE, Eng C. Depressive symptoms and risk of mortality in frail, community-living elderly persons. *Am J Geriatr Psychiatry* 2003;11:561-567.
50. Covinsky KE, Newcomer R, Dane CK, Sands LP, Yaffe K. Patient and caregiver characteristics associated with depression in caregivers of patients with dementia. *J Gen Intern Med* 2003;18:1006-1014.
51. Chuang KH, Covinsky KE, Sands LP, Fortinsky RH, Palmer RM, Landefeld CS. Diagnosis-related group-adjusted hospital costs are higher in older medical patients with lower functional status. *J Am Geriatr Soc* 2003;51:1729-1734.
52. Holroyd-Leduc J, Mehta KM, Covinsky KE. Urinary incontinence and its association with death, nursing home admission, and functional decline. *J Am Geriatr Soc* 2004;52:712-718.
53. Walter LC, de Garmo P, Covinsky KE. Association of older age and female sex with inadequate reach of screening flexible sigmoidoscopy. *Am J Med* 2004;116:174-178.
54. Walter LC, Davidowitz NP, Heineken PA, Covinsky KE. Pitfalls of converting practice guidelines into performance measures: Lessons learned from a VA performance measure. *JAMA* 2004;291:2466-2470.
55. Walter LC, Lindquist K, Covinsky KE. Relationship between health status and use of screening mammography and Papanicolaou smears among women older than 70 years of age. *Ann Intern Med* 2004;140:681-688.
56. Sink KM, Covinsky KE, Newcomer R, Yaffe K. Ethnic differences in the prevalence of and pattern of dementia-related behaviors. *J Am Geriatr Soc* 2004;52:1277-1283.
57. Burton EC, Phillips RS, Covinsky KE, Sands LP, Goldman, L, Dawson NV, Connors AF, Landefeld CS. The relationship of autopsy rate to physicians' beliefs and recommendations regarding autopsy. *Am J Med* 2004;117:255-261.
58. Carey EC, Walter LC, Lindquist K, Covinsky KE. Development and validation of a functional morbidity index to predict mortality in community-dwelling elders. *J Gen Intern Med* 2004;19:1027-1033.
59. Li, AK, Covinsky KE, Sands LP, Fortinsky RH, Counsell SR, Landefeld CS. Reports of financial disability predict functional decline and death in older patients discharged from the hospital. *J Gen Intern Med* 2005;20:168-174.
60. Moody-Ayers SY, Mehta KM, Lindquist K, Sands LP, Covinsky KE. Black-white disparities in functional decline in older persons: the role of cognitive function. *J Gerontol A Biol Sci Med Sci* 2005;60:933-939 .
61. Sands LP, Landefeld CS, Moody-Ayers S, Yaffe K, Palmer R, Fortinsky R, Counsell SR, Covinsky KE. Disparities between black and white patients in functional improvement after hospitalization for an acute illness. *J Am Geriatr Soc*. 2005;53:1811-1816.

62. Newcomer RJ, Clay TH, Yaffe K, Covinsky KE. Mortality risk and prospective medicare expenditures for persons with dementia. *J Am Geriatr Soc.* 2005;53:2001-2006.
63. Covinsky KE, Hilton J, Lindquist K, Dudley RA. Development and validation of an index to predict activity of daily living dependence in community-dwelling elders. *Med Care.* 2006;44:149-157.
64. Moody-Ayers SY, Stewart AL, Covinsky KE, Inouye SK. Prevalence and correlates of perceived societal racism in older African-American adults with type 2 diabetes mellitus. *J Am Geriatr Soc.* 2005;53:2202-2208.
65. Sands LP, Wang Y, McCabe GP, Jennings K, Eng C, Covinsky KE. Rates of acute care admissions for frail older people living with met versus unmet activity of daily living needs. *J Am Geriatr Soc.* 2006;54:339-344.
66. Lee SJ, Lindquist K, Segal MR, Covinsky KE. Development and validation of a prognostic index for 4-year mortality in older adults. *JAMA.* 2006;295:801-808.
67. Steinman MA, McQuaid KR, Covinsky KE. Age and Rising Rates of Cyclooxygenase-2 Inhibitor Use. *J Gen Intern Med.* 2006;21:245-250.
68. O'Hare AM, Bertenthal D, Covinsky KE, Landefeld CS, Sen S, Mehta K, Steinman MA, Borzecki A, Walter LC. Mortality Risk Stratification in Chronic Kidney Disease: One Size for All Ages? *J Am Soc Nephrol.* 2006;17:846-853.
69. Sink KM, Covinsky KE, Barnes DE, Newcomer RJ, Yaffe K. Caregiver characteristics are associated with neuropsychiatric symptoms of dementia. *J Am Geriatr Soc.* 2006;54:796-803.
70. Williams BA, Lindquist K, Moody-Ayers SY, Walter LC, Covinsky KE. Functional impairment, race, and family expectations of death. *J Am Geriatr Soc.* 2006;54:1682-1687.
71. O'Hare AM, Bertenthal D, Walter LC, Garg AX, Covinsky K, Kaufman JS, Rodriguez RA, Allon M. When to refer patients with chronic kidney disease for vascular access surgery: should age be a consideration? *Kidney Int.* 2007;71:555-561.
72. Kurella M, Covinsky KE, Collins AJ, Chertow GM. Octogenarians and nonagenarians starting dialysis in the United States. *Ann Intern Med.* 2007;146:177-183.
73. Holroyd-Leduc JM, Sen S, Bertenthal D, Sands LP, Palmer RM, Kresevic DM, Covinsky KE, Seth Landefeld C. The relationship of indwelling urinary catheters to death, length of hospital stay, functional decline, and nursing home admission in hospitalized older medical patients. *J Am Geriatr Soc.* 2007;55:227-233.
74. Mehta KM, Yaffe K, Brenes GA, Newman AB, Shorr RI, Simonsick EM, Ayonayon HN, Rubin SM, Covinsky KE. Anxiety symptoms and decline in physical function over 5 years in the health, aging and body composition study. *J Am Geriatr Soc.* 2007;55:265-270.

## **NON-PEER REVIEWED PUBLICATIONS AND OTHER CREATIVE ACTIVITIES**

Covinsky KE, Landefeld CS. Using the biopsychosocial model in practice: Improving the care of patients with late life depression. *J Gen Intern Med* 1996;11:249-250.

Phillips RS, Hamel MB, Covinsky KE, Lynn J. Findings from SUPPORT and HELP: An Introduction. *J Am Geriatr Soc* 2000;48:S1-S5.

Covinsky KE. Geriatric Evaluation and Management. In Encyclopedia of Care of the Elderly. 2000; Springer.

Covinsky KE. Bringing a generalist approach to the problems of older patients. *J Gen Intern Med* 2000;15:673-674.

Lyons W, Johnston CB, Covinsky KE, Resnick NM. Geriatrics. In Current Medical Diagnosis and Treatment 2001; Lange.

Justice AC, Landefeld CS, Asch SM, Gifford AL, Whalen CC, Covinsky KE. Justification for a new cohort study of people aging with and without HIV infection. *J Clin Epidemiol* 2001;54:S3-S8.

Covinsky KE. Malnutrition and bad outcomes. *J Gen Intern Med* 2002;9:56-957.

Steinman MA, Covinsky KE. Donepezil for nursing home patients with dementia: a reinterpretation of the evidence. *J Am Geriatr Soc* 2003;51:132.

Covinsky KE, Yaffe K. Dementia, Prognosis, and the needs of patients and caregivers. *Ann Intern Med* 2004;140:573-574.

Covinsky K. Aging, arthritis, and disability. *Arthritis Rheum.* 2006;55:175-176.

Covinsky KE, Johnston CB. Envisioning better approaches for dementia care. *Ann Intern Med.* 2006;145:780-781.