

STEPHEN CRYSTAL

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PROFESSIONAL EXPERIENCE

1987- INSTITUTE FOR HEALTH, HEALTH CARE POLICY,
 AND AGING RESEARCH, and SCHOOL OF SOCIAL WORK
 RUTGERS UNIVERSITY

Director, Center for Health Services Research on Pharmacotherapy, Chronic Disease Management, and Outcomes (2004-), and Center for Research and Education on Mental Health Therapeutics (CERTs, 2006-).

Associate Institute Director for Health Services Research (2001-present)

Associate Research Professor, 1987-1992.

Research Professor, 1992-2001.

Research Professor II, 2001-present.

Chair, Division on Aging/AIDS Research Group (1987-present)

Professor of Public Health, UMDNJ School of Public Health (2002-present)

- Developed diverse program of health services research and policy studies at Rutgers, including mental health services research and studies of HIV/AIDS care; gerontological health services and policy; prescription drug use, outcomes, and policy; and long-term care of the elderly. Serve as Chair of Division on Aging and AIDS Research Group. Developed partnerships and collaborative studies with state health agencies, health plans, VA, and other agencies.
- Developed and direct Rutgers Center for Health Services Research on Pharmacotherapy, Chronic Disease Management, and Outcomes, initiated in 2004 with support from the Rutgers Academic Excellence Fund. Current major programs of the Center include the mental health CERTs, supported through AHRQ in cooperation with FDA to act as a national resource for research and education on pharmacotherapy on mental health; studies funded by NIH R-01 grants on geriatric depression, HIV and severe mental illness, and nursing home care; and state-funded projects on nursing home quality improvement and satisfaction measurement in several states.
- Tenured research professor with appointments in Social Work and Sociology; faculty, Graduate Program in Public Health. Serve as Associate Director for Research, Rutgers Center for State Health Policy. Non-salaried appointments at Robert Wood Johnson School of Medicine and UCSD School of Medicine.

1995-96 DEPARTMENT OF HEALTH CARE POLICY
 HARVARD MEDICAL SCHOOL

Visiting Professor

- On sabbatical leave from Rutgers, served as Visiting Professor of Health Care Policy; participated in advanced doctoral courses in biostatistics at Harvard School of Public Health.

1985-1987: SCHOOL OF MEDICINE
UNIVERSITY OF CALIFORNIA, SAN DIEGO

Chief, Division of Health Care Sciences (1985-1987)
Assistant Professor of Community and Family Medicine (1985-87)

- Research and teaching in medical school setting, focusing on health policy and gerontological research. Headed interdisciplinary division including physicians and social scientists working in health services research, health economics, medical sociology and anthropology, international health, medical ethics, biostatistics, and health psychology. Responsible for division administration, recruitment, budget management, etc. Non-salaried clinical faculty member, 1987-present.

1972-1985: NEW YORK CITY HUMAN RESOURCES ADMINISTRATION
FAMILY AND ADULT SERVICES

Director, Bureau of Management Systems, Planning, Research, and Evaluation (1975-1985)
Director, Center for Human Services Research and Development (1978-1985)
Director, Bureau of Program Planning and Administration (1973-1975)
Director of Planning, Bureau of Purchased Social Services for Adults (1972-1973)

- Directed research, planning, evaluation, computer systems, project management, and legislative affairs for Family and Adult Services agency, which is responsible for a broad range of health and human services programs including major programs for home health care, the city's shelter program and other services for the homeless, adult protective services, family planning, a nursing home, senior citizens' centers, and outreach programs for the mentally ill, among other services. Recruited and directed planning and analysis staff of 55. Additional periodic operational responsibilities, including reorganization and line management of city's \$400 million Medicaid Home Attendant program serving 28,000 aged and disabled clients.
- Research and evaluation responsibilities included establishing and directing HRA's Center for Human Services Research and Development; securing federal grants for and conducting national studies of home care and adult protective services; analyzing city policies and programs for long-term care of the elderly and disabled and developing strategic plans for quality and outcome improvement; organizing multistate human services research consortia; and numerous evaluations and surveys related to Medicaid services, home care, adult protective services, homelessness, and other adult health and social services. Developed and implemented plans for restructuring of Medicaid-funded long-term care services; responsible for monitoring and analysis of proposed federal and state legislation affecting agency programs; developed successful legislative proposals for public guardianship and other initiatives.

1971-1972: NEW YORK CITY OFFICE OF THE MAYOR/OFFICE OF MANAGEMENT AND BUDGET

New York City Urban Fellow; Program Analyst for Health Services; Consultant

- Responsible for program analysis, expenditure monitoring, review and recommendations on budget requests for city's health care agencies including 22-hospital Health and Hospitals Corporation (HHC) and Department of Health.
- Conducted special studies of municipal health policy problems including long-term care of the aged, infectious disease control, child and school health, ambulatory care, and health manpower. Worked with city agencies to develop city long-term care plan, and to restructure human service programs to maximize federal reimbursement.
- Monitored proposed state and federal health legislation; developed mayoral proposals for state and federal health legislation.
- Worked with city's medical schools on development of health manpower education programs.

EDUCATION

Ph.D. Harvard University (1981), Sociology. Major fields: medical sociology; sociology of aging; mental health and substance abuse; social policy.

M.A. Harvard University (1975), Sociology.

B.A. University of Chicago (1968), Anthropology and Biology, with General Honors. Honors at Entrance, accreditation at entrance from high school for 47 credits.

OTHER TRAINING

B.S. New York State Regents External Degree Program (1981), Computer Science. Post-doctoral coursework in statistics, biostatistics and econometrics, at Harvard School of Public Health, Johns Hopkins University, University of Michigan, and other universities, including hierarchical linear models (1994), event history analysis (1992), structural equation models (1993, 1994), advanced economic statistics (1995), meta-analysis (1966), advanced regression methods (1966), analysis of longitudinal data (1996).

SELECTED AWARDS

Abt Associates Public Policy Research Prize.

John Kendrick Prize, International Association for Research in Income and Wealth, for outstanding contribution to *The Review of Income and Wealth* (with Dennis Shea).

Women's Health Research Leadership Award for 1999, Jacobs Institute for Women's Health, for paper published in *Women's Health Issues* (with Usha Sambamoorthi, Rizie Kumar and Jeff Harman).

Westinghouse Science Talent Search Semifinalist.

National Science Foundation Graduate Fellow.

University Scholar, Harvard University.

National Merit Scholar.

Bausch and Lomb Medal for Exceptional Achievement in Science.

MEMBERSHIPS

Gerontological Society of America (Fellow of the Society).

American Sociological Association.

American Public Health Association.

American Economic Association.

American Statistical Association.

International Society of Pharmacoepidemiology.

EDITORIAL RESPONSIBILITIES

Editorial Board, *Research on Aging*, 1997-. Guest editor, with Marcia Ory and Diane Zablotsky, for special issue on Aging and HIV/AIDS, 1997-98.

Editorial Board, *The Gerontologist*, 1991-2001.

Guest editor for special issue, *Journal of AIDS*, 2001.

Peer review for journals including: *New England Journal of Medicine*; *JAMA*; *J. General Internal Medicine*; *J. Gerontology: Social Sciences*; *Medical Care*; *American J. of Public Health*; *Health Services Research*; *Milbank Memorial Fund Quarterly*; *The Gerontologist*; *J. Health and Social Behavior*; *The Review of Income and Wealth*; *J. of Aging and Health*; *J. of Aging and Social Policy*; *Cancer*; *J. Health Politics, Policy, and Law*.

STUDY SECTIONS AND PEER REVIEW RESPONSIBILITIES

National Institute of Mental Health. Special study section for review of mental health center grants. 2007.

National Institute of Mental Health. Special study section for RFA applications on antidepressants and suicidality. 2006.

Center for Scientific Review. Special review committee for review of HIV/AIDS behavioral science applications. 2006.

Center for Scientific Review, National Institutes of Health: Health Services Organization and Delivery study section (HSOD). 2004-2005. Served on predecessor NIH Health Services Research review group (SNEM 4-1), 2000-2002, and as Chair of study section for summer 2000 meeting.

National Institute on Aging. Member, special study section for competing renewal of the Health and Retirement Study. 2005.

Robert Wood Johnson Foundation/AcademyHealth. Reviewer, Health Care Financing and Organization Program, 2005.

Center for Scientific Review, NIH. Special Panel for Behavioral and Social Aspects of Preventing HIV/AIDS (AARR-G), 2005.

Center for Scientific Review, NIH: special review committee (cancer health services research), 2002.

Center for Scientific Review, NIH: NIH HIV/AIDS Behavioral Science study section (AARR-8), 1998-1999.

National Institute of Drug Abuse: Member of NIDA HIV/AIDS Behavioral Research study section (NIDA-J), 1997-98.

National Institute of Mental Health: Member of special study section and site visit for Center for AIDS Prevention Studies, 1995; review committee for training grants, 1994; Special Emphasis Panel for HIV/AIDS Behavioral Research, 1999.

Agency for Health Care Policy and Research: Member of HIV Health Services Research Study Section; chair, ad hoc study section; numerous ad hoc reviews, 1989-1996.

National Institute on Allergy and Infectious Diseases: Member, study section for Multicenter AIDS Cohort Study Statistical Center and Clinical Sites, 1994; study section for Community Programs for Clinical Research on AIDS (CPCRA) Statistical Center, 1994; study section and final selection committee for CPCRA Operations Center, 1994.

University of California Universitywide AIDS Program: Health Services, Prevention, Behavioral Epidemiology and Policy Study Section, 1999-2006.

Academy for Health Services Research and Policy, Robert Wood Johnson Foundation Health Care Financing and Organization program: reviewer, 2002.

AARP Andrus Foundation: Member of standing peer review panel for grants on economic well-being of the elderly, 1997-2000.

Other proposal review responsibilities for Agency for International Development; Robert Wood Johnson Foundation; Smith Richardson Foundation; Surdna Foundation; New Jersey Department of Health.

OTHER PREVIOUS APPOINTMENTS

Adjunct Associate Professor of Public Administration, New York University.

Adjunct Associate Professor (Sociology and Political Science), City University of New York.

Visiting Scholar, Department of Sociology, New York University; Visiting Scholar, Institute for Social Research, University of Michigan.

Research Associate, Joint Center for Urban Studies of Harvard and M.I.T.

New York City Urban Fellow, Office of the Mayor, City of New York.

Research Assistant, Department of Psychology, University of California, Berkeley.

Summer training program in biological research (independent research in hematology), Jackson Memorial Laboratory, Bar Harbor, Maine.

Summer training program in experimental psychology, Grinnell College.

UNIVERSITY GOVERNANCE

Rutgers University (selected activities): Search Committee for Dean, School of Arts and Sciences, 2006-. Robert Wood Johnson School of Medicine/Rutgers Review Committee for Clinical and Translational Science Pilot Awards, 2007-. Chair, Appointments and Promotions Committee, School of Social Work, 2003-2006. Search committee for Dean, School of Social Work, 2004-2005. Member of SSW Appointments and Promotions Committee, 2001-2003. Elected to University Senate, representing university's research centers, bureaus and institutes, 1995-1998. Elected to Rutgers-New Brunswick Faculty Council, 1994-1997. University Budget Committee, 1995-98. Provost's Budget and Planning Committee, 1994-1996. President's Search Committee for Dean, College of Nursing, 1994-1995. Search Committee for Director, Center for State Health Policy, 1998. Search Committee for Director, New Jersey Center for Health Statistics, 1999. Search Committee for Biostatistician, Institute for Health, 1999. Executive committee, Rutgers Center for Research on the Organization and Financing of Care for the Severely Mentally Ill, 2000-2004. Associate Director for Research, Center for State Health Policy, 1999-. Social Sciences Area Committee, 2001-2004. Rutgers Task Force on Postdoc Policies and Procedures, 2001-2002. Associate Director for Health Services Research, Institute for Health, Health Care Policy, and Aging Research, 2001-. Director, Rutgers Center for Health Services Research Development, 2001-2006.

CONSORTIA FOR MAJOR MULTISITE/NATIONAL COHORT STUDIES

Collaborator and co-investigator on HCSUS (HIV Cost and Services Utilization Study, coordinating center: RAND), VACS (VA Cohort Study, coordinating center: Yale), and TRIAD (multi-state diabetes cohort).

NATIONAL AND STATE EXPERT ADVISORY COMMITTEES, OTHER ADVISORY ROLES

Gerontological Society of America: Executive Committee, Section on Social Research, Policy and Practice, 2007-2010. Member, GSA Publication Committee, 2007-2010. Chair, GSA Public Policy Committee, 1995-96. Organizer and chair for annual symposia on Medicare policy, 2003 through 2007.

AcademyHealth. Member of two-person committee to advise AcademyHealth board on organizational policy on legislative and regulatory issues on data access, and to draft comments for Academy on proposed federal regulations on Medicare Part D data access. 2006-2007.

Horizon Blue Cross Blue Shield of New Jersey. Member of Horizon's Pharmacy & Therapeutics Committee, providing recommendations on inclusion of pharmaceuticals in the formulary, management of pharmacy benefits, and initiatives to improve quality and outcomes of pharmaceutical therapy, 2002-present. Consultant on quality of care, and principal investigator of Horizon-funded projects on post-AMI care (2003-2004) and on quality of depression care (2004-2005). Member of Horizon's Disease Management Committee, providing advice on initiatives for improving quality of care for members with chronic conditions (diabetes, coronary artery disease, heart failure, asthma, depression, chronic obstructive pulmonary disease), 2003-present.

Annie E. Casey Foundation and The Reach Institute. Member, expert panel to develop consensus recommendations for mental health treatment of foster care children, 2007.

Food and Drug Administration. Collaboration with FDA investigators on safety outcomes of antipsychotic medications, pituitary tumors and prolactin related side effects, and advisement on role of claims data in evaluating antidepressant outcomes, 2007-. Participant, AHRQ-FDA Think

Tank on development of a national pharmacovigilance system, 2007 (recommendations to be published in *Pharmacoepidemiology and Drug Safety*).

American Sociological Association. Section on Aging and the Life Course: Committee on Nominations, 2007-2008.

Veterans Administration: VA Cohort Study (funded by NIAAA and NIA): Steering Committee member, Chair of Electronic Data Committee, 2000-present. PI for Rutgers component of collaborative Research Enhancement Award Program (REAP) for Center for Healthcare Knowledge Management, under award to VA New Jersey Healthcare System.

John A. Hartford Foundation/Gerontological Society of America: Mentor for Hartford Faculty Scholar, 2006-.

RAND Corporation: Contract staff; Co-Investigator (Access, Patient, Antiviral, Aging, and Women's Research Teams), HIV Cost and Services Utilization Survey, 1995-2000. Co-investigator, HCSUS Analytic Followup, 1999-2002.

State of New Jersey: Numerous projects on health and aging policy for state government include: principal investigator for the past several years for development of methods for nursing home consumer satisfaction measurement and quality improvement; PI of program evaluations for the state's major Medicaid home and community-based waiver programs; consultant for development of allocation methodology for aging funds; proposal selection committee for AIDS prevention grants; consultant on nursing home quality of care and ratesetting; member of Governor's Task Force on Long-term Care; advisory committee to Robert Wood Johnson-funded long-term care insurance project; investigator on evaluation of Senior Initiative to improve long-term care; organizer and chair, New Jersey Research Conference on HIV/AIDS Care and Prevention.

New Jersey Legislature: Member, Legislature's Council of Academic Policy Advisers, 1998-. Council advises legislators and staff on health care policy, health financing and aging.

National Institute on Aging: Planning committee for NIA conference on HIV interventions for older persons, 2000. Member of NIA Advisory Panel on Social and Behavioral Aspects of AIDS, and consultant to NIA on aging and AIDS, 1988 and 1997.

Agency for Health Care Policy and Research: Consultant on planning of HIV Health Care Cost and Utilization Survey; consultant, planning of AIDS health services research conference.

National Institute of Mental Health: member, advisory committee on HIV and families. Program committee, Second and Third Annual Conferences on the Role of Families in Preventing and Adapting to HIV/AIDS.

Health Resources and Services Administration: Advisory committee on HIV outcomes research, 1995.

Health Care Financing Administration: Consultant on Medicare research, 1998.

State of New York: Consultant on survey methodology and use of survey databases for planning services for the aging (State Office for the Aging).

University of California, San Diego, School of Medicine. As non-salaried clinical faculty member, chaired several prize-winning medical student Independent Study Projects in community medicine.

Lewin/VHI Inc: Consultant on study of supply and demand for home care workers.

Transamerica Life Insurance Company: Advisory board for Transamerica Survey of the Aged.

National Academy of Sciences, Institute of Medicine: Consultant on health care and the elderly for World Health Organization Health Goals Project.

University of California, San Diego: Consultant on long-term care policy project funded by the California Policy Seminar.

National Committee for the Prevention of Elder Abuse: Member, Board of Directors.

American Statistical Association: Discussant, annual meeting. *American Board of Family Practice*: Consultant on survey of middle age in America.

Robert Wood Johnson Foundation: National Advisory Committee on mental health services development. Consultant on gerontological services programs, 1995. Mentor for RWJ Faculty Fellow, 2006-.

National Academy on Aging: Advisory Panel on the Future of Community-Based Long-Term Care.

American Association for Retired Persons. Consultant on economic well-being of the elderly, 1996.

California Department of Health Services and University of California Office of the President. Member, AIDS Care and Treatment Research Advisory Committee; consultant on evaluation of Ryan White CARE services in California, 1999-.

Blue Cross-Blue Shield of Michigan: Expert witness on cost of care and affordability in rate hearings and consultant on rate issues, 1984.

State of California, Department of Insurance: Consultant to Department of Insurance on long-term care insurance (LTCI), co-author of report on LTCI regulation to California legislature, 1987.

Department of Veterans' Affairs: Chair of electronic data committee and member of steering committee, Veterans with HIV/AIDS Cohort Study (VACS), planning grant for multisite study, 2000-.

World Health Organization: Scientific Advisory Panel to WHO project on "Adherence to Long-Term Therapies: Toward Policies for Action," 2002-.

Pan American Health Organization and National Institute on Drug Abuse: Member, working group in HIV and drug abuse in the Americas; participant in Expert Consultation with Latin American health officials and researchers, Buenos Aires, 2001.

Commonwealth Fund/Rutgers Center for State Health Policy. Conference chair, Summit Conference of state pharmacy assistance programs, 2002.

LANGUAGES

Fluent in French, proficient in Italian.

BOOKS

1. Crystal S: *America's Old Age Crisis: Public Policy and the Two Worlds of Aging*. New York: Basic Books, 1982. Revised paperback edition, Harper and Row/Basic Books. "Best Books of the Year" list, *Christian Science Monitor*; nominee, *Washington Monthly* Political Book Award. Nominated by publisher for Pulitzer Prize.
2. Crystal S, Flemming C, Beck P, Smolka G. *The Management of Home Care Services*. New York: Springer, 1987.
3. Crystal S, Shea D (eds.). *Economic Outcomes in Later Life: Public Policy, Health, and Cumulative Advantage*. (Published as the 2002 volume of the *Annual Review of Gerontology and Geriatrics*). New York: Springer, 2003.

EDITED JOURNAL ISSUES

1. Ory M, Zablotsky D, Crystal S (eds). *HIV/AIDS and Aging*. Special Issue, *Research on Aging* 20 (6): November 1998.
2. Levy J, Ory M, Crystal S (eds). *Aging with HIV/AIDS: The Maturation of an Epidemic*. Special issue, *Journal of Acquired Immune Deficiency Syndromes* 33 (S2), June 2003.

RESEARCH ARTICLES

1. Crystal S, Akincigil A, Bilder S, Walkup J. Studying Prescription Drug Use and Outcomes with Medicaid Claims Data: Strengths, Limitations, and Strategies. *Medical Care* 45(10):S58-S65, 2007.
2. Crystal S. Population Aging and Benefit Sustainability: The Impact of Baby Boomer Aging on the Health Care System. Pp. 52-70 in Schaie W and Uhlenberg P (eds.), *Social Structures, Demographic Changes and the Well-Being of Older Persons*, Societal Impact on Aging Series, Springer, 2007.
3. Crystal S, Siegel MJ. Health Care Policy and the Demography of Aging in Cross-National Perspective. In press in Uhlenberg P (Ed.), *International Handbook of Population*, Springer-Verlag.
4. Akincigil A, Bowblis J, Jan S, Patel M, Crystal S. Long-Term Adherence to Evidence Based Secondary Prevention Therapies after Acute Myocardial Infarction. *Journal of General Internal Medicine* 23(2): 115-121, 2008. Lead article, published with editorial: Choudhry NK, Winkelmayr WC. Medication Adherence After Myocardial Infarction: A Long Way Left To Go. *Journal of General Internal Medicine* 23(2):216-8, 2008.
5. Akincigil A, Bowblis J, Levin C, Walkup J, Jan S, Crystal S. Adherence to Antidepressant Treatment Among Privately Insured Patients Diagnosed with Depression. *Medical Care* 45(4):363-369, 2007.
6. Walkup J, Akincigil A, Bilder S, Scotto-Rosato N, Crystal S. Psychiatric Diagnosis and Antiretroviral Adherence among Adolescent Medicaid Beneficiaries Diagnosed with HIV/AIDS. In press, *Journal of Nervous and Mental Disease*.
7. Prince J, Akincigil A, Hoover D, Bowblis J, Lucas J, Crystal S. Readmission Following Psychiatric Hospitalization Among U.S. Elderly. In press, *Psychiatric Services*.
8. Levin C, Wei W, Akincigil A, Lucas J, Bilder S, Crystal S. Prevalence and Treatment of Diagnosed Depression among Elderly Nursing Home Residents in Ohio. *Journal of the American Medical Directors' Association* 8(9):585-594, 2007.
9. Akincigil A, Hoover D, Walkup J, Prince J, Kalay E, Crystal S. Hospitalizations for Depression and Other Psychiatric Conditions among Community Dwelling Elderly. In press, *Psychiatric Services*.

10. Lucas JA, Levin CA, Lowe TJ, Robertson B, Akincigil A, Sambamoorthi U, Bilder S, Paek EK, Crystal S. The Relationship Between Organizational Factors and Resident Satisfaction with Nursing Home Care and Life. *Journal of Aging and Social Policy* 19(2):125-151, 2007.
11. Prince JD, Bilder S, Walkup J, Akincigil A, Hoover D, Crystal S. Substance Abuse and Mood Disorder Hospitalization among Medicaid Beneficiaries. In press, *American Journal of Public Health*.
12. Sueoka K, Goelet J, Fiellin D, Rimland D, Butt A, Gibert C, Rodriguez-Barradas M, Bryant K, Crystal S, Justice A. Depression Symptoms and Treatment Among HIV Infected and Uninfected Veterans. In press, *AIDS and Behavior*.
13. Hoover DR, Akincigil A, Prince JD, Kalay E, Lucas JA, Walkup J, Crystal S. Medicare Inpatient Treatment for Elderly Non-Dementia Psychiatric Illnesses, 1992 – 2002. *Administration and Policy in Mental Health* 35(4): 231-240, 2008.
14. Walkup J, Wei W, Sambamoorthi U, Crystal S. Antidepressant Treatment and Adherence to Combination Antiretroviral Therapy among Patients with AIDS and Diagnosed Depression. *Psychiatric Quarterly* 79(1): 43-53.
15. Zito JM, Socolar SJ, Eilers R, Crystal S, Lexchin J. Regulating Drugs for Effectiveness and Safety: A Public Health Perspective. *Medical Care* 45(9):911, 2007.
16. Helmer DA, Tseng CL, Rajan M, Crystal S, Shen Y, Miller D, Safford MM, Pogach L. Can Ambulatory Care Prevent Hospitalization for Metabolic Decompensation? *Medical Care* 46(2):148-157, 2008.
17. Zhang Q, Safford MM, Miller D, Crystal S, Rajan M, Tseng CL, Pogach LM. Short-Term Statin Exposure Is Associated with Reduced All-Cause Mortality in Persons with Diabetes. *Medical Care* 45(4): 308-314, 2007.
18. Shen Y, Findley PF, Maney M, Rajan M, Pogach L, Crystal S, Findley TW. Who Gets Care Where? Stroke Care and Medicare Beneficiaries in the VA System. In press, *Journal of Rehabilitation Research and Development*.
19. Tseng CL, Helmer D, Rajan M, Tiwari A, Miller D, Crystal S, Safford MM, Greenberg J, Pogach L. Evaluation of Regional Variation in Total, Major, and Minor Amputation Rates in a National Health-care System. *International Journal for Quality in Health Care* 19(6): 368-376, 2007.
20. Walkup J, Crystal S. Health Services and Policy Issues in AIDS Psychiatry. Pp. 585-594 in Cohen MA and Gorman JM (Eds.), *Comprehensive Textbook of AIDS Psychiatry*. Oxford and New York: Oxford University Press, 2007.
21. Crystal S. Dynamics of Late-Life Inequality: Modeling the Interplay of Health Disparities, Economic Resources, and Public Policies. Pp. 205-213 in Baars J, Dannefer D, Phillipson C, and Walker A. *Ageing, Globalization and Inequality: The New Critical Gerontology*. Society and Aging Series, Baywood Publishing Company, 2006.
22. Walkup J, Wei W, Sambamoorthi U, Crystal S, Yanos P. Provision of Psychotherapy for a Statewide Population of Medicaid Beneficiaries with Schizophrenia. *Psychological Services* 3(4):227-239, 2006.

23. Sambamoorthi U, Olfson M, Wei W, Crystal S. Diabetes and Depression Care Among Medicaid Beneficiaries. *Journal of Health Care for the Poor and Underserved* 17 (1):141-161, 2006.
24. Crystal S. Economic Well-Being of the Elderly. Pp. 3254-3257 in *Blackwell Encyclopedia of Sociology*. Oxford and Boston: Blackwell Publishing, 2006.
25. Wei W, Akincigil A, Crystal S, Sambamoorthi U. Gender Differences in Out-of-Pocket Prescription Drug Expenditures Among the Elderly. *Research on Aging* 28 (July): 427-453, 2006.
26. Steinberg MB, Akincigil A, Delnevo CD, Crystal S, Carson JL. Gender and Age Disparities for Tobacco Dependence Treatment. *American Journal of Preventive Medicine* 30(5), 405-412, 2006.
27. Wei W, Sambamoorthi U, Olfson M, Walkup J, Crystal S. Use of Psychotherapy for Depression in Older Adults. *American Journal of Psychiatry* 162(4):711-717, 2005.
28. Fultz SL, Skanderson M, Mole L, Gandhi N, Bryant K, Crystal S, Justice AC. Development and Verification of a “Virtual Cohort” Using the National VA Health Information System. *Medical Care* 44 (8):S25-30, 2006.
29. Thompson W, Wang H, Xie M, Kolassa J, Rajan M, Crystal S, Tseng C, Zhang Q, Vardi Y, Pogach L, Safford M. Assessing Quality of Diabetes Care by Measuring Longitudinal Changes in Hemoglobin A1c in the Veterans Health Administration. *Health Services Research* 40(6, pt. 1):1818-1835, 2005.
30. Crothers K, Butt A, Gibert CL, Rodriguez-Barradas MC, Crystal S, Justice AC. Increased Chronic Obstructive Pulmonary Disease Among HIV-Positive Compared to HIV-Negative Veterans. *CHEST* 130: 1326-1333, 2006.
31. Oursler KA, Goulet J, Leaf D, Akincigil A, Katznel L, Justice A, Crystal S. Association of Comorbidity with Physical Disability in Older HIV-Infected Adults. *AIDS Patient Care and STDs* 20(11): 782-791, 2006.
32. Wilson TE, Vlahov D, Crystal S, Absalon J, Klein SJ, Agins B, Remien RH. Integrating HIV Prevention Activities into the HIV Medical Care Setting. *Journal of Urban Health* 83(1):18-30, 2006.
33. Pogach L, Xie M, Shentue Y, Tseng C-L, Maney M, Rajan M, Tiwari A, Kolassa J, Helmer J, Crystal S, Safford M. Diabetes Healthcare Quality Report Cards: How Accurate Are The Grades? *American Journal of Managed Care* 11(12): 797-804, 2005.
34. Cook RL, McGinnis K, Kraemer K, Gordon A, Conigliaro J, Maisto S, Samet J, Crystal S, Rimland D, Bryant K, Braithwaite R, Justice A. Intoxication Before Intercourse and Risky Sexual Behavior in Men With and Without HIV Infection. *Medical Care* 44 (8):S31-36, 2006.
35. Cunningham WE, Crystal S, Bozzette S, Hays RD. The Association of Health-Related Quality of Life with Survival among Persons with HIV Infection in the U.S. *Journal of General Internal Medicine* 20(1): 21-27, 2005.
36. Tseng C-L, Rajan M, Miller D, Hawley G, Crystal S, et al. Use of Administrative Data to Risk Adjust Amputation Rates in a National Cohort of Medicare-Enrolled Veterans with Diabetes.

Medical Care 43(1): 88-92, 2005.

37. Wei W, Sambamoorthi U, Crystal S, Findley P. Mental Illness, Traumatic Brain Injury and Medicaid Expenditures. *Archives of Physical Medicine and Rehabilitation* 86 (5):905-911, 2005.
38. Hoover DR, Sambamoorthi U, Crystal S. On Characteristics of Community Dwelling Elderly Not Vaccinated for Pneumococcus in 1998 and 2001. [Letter to the Editor]. *Preventive Medicine* 42: 248-249, 2006.
39. Tseng CL, Brimacombe M, Xie M, Rajan M, Wang H, Kolassa J, Crystal S, et al. Seasonal Patterns in Monthly Hemoglobin A1c Values. *American Journal of Epidemiology* 161(6):565-574, 2005.
40. Sambamoorthi U, Akincigil A, Wei W, Crystal S. National Trends in Total and Out-of-Pocket Prescription Drug Spending Among Elderly Medicare Beneficiaries. *Expert Review of Pharmacoeconomics and Outcomes Research* 5(3): 297-315, 2005.
41. Crystal S. Prescription of Pharmacotherapy for Depression in Elderly People Varies with Age, Race, Gender, and Length of Care. *Evidence Based Mental Health* 8(4): 117, 2005.
42. Braithwaite RS, McGinnis KA, Conigliaro J, Maisto SA, Crystal S, Day N, et al. A Temporal and Dose-Response Association Between Alcohol Consumption and Medication Adherence among Veterans in Care. *Alcoholism: Clinical and Experimental Research* 29(7):1190-1197, 2005.
43. Crystal S, Sambamoorthi U, Walkup J, Akincigil A. Diagnosis and Treatment of Depression in the Elderly Medicare Population: Predictors, Disparities, and Trends. *Journal of the American Geriatrics Society* 51(2):1718-1721, 2003. Published with accompanying editorial: Arean P, Unutzer J. Inequities in Depression Management in Low-Income, Minority, and Old-Old Adults: A Matter of Access to Preferred Treatments? *Journal of the American Geriatrics Society* 51:1808-1809, 2003. Additional commentary published as: Green C. Increasing Age, Minority Ethnic Origin, and Lack of Sufficient Medical Insurance Decrease Likelihood of Treatment for Depression in the Elderly. *Evidence-Based Mental Health* 7:58, 2004.
44. Fox K, Trail T, Frankford D, Crystal S. State Pharmacy Discount Programs: A Viable Mechanism for Addressing Prescription Drug Affordability? *New York University Annual Survey of American Law* 60(2): 187-240, 2004.
45. Castle N, Lowe T, Lucas J, Robinson J, Crystal S. Use of Satisfaction Surveys in New Jersey Nursing Homes and Assisted Living Facilities. *Journal of Applied Gerontology* 23(2):156-171, 2004.
46. Walkup J, Sambamoorthi U, Crystal S. Use of Newer Antiretroviral Treatments Among HIV-Infected Medicaid Beneficiaries with Serious Mental Illness. *Journal of Clinical Psychiatry* 65(9): 1180-1189, 2004.
47. Walkup J, Wei W, Sambamoorthi U, Crystal S. Sensitivity of an AIDS Casefinding Algorithm. *Medical Care* 42(8): 756-63, 2004.
48. Hoover D, Sambamoorthi U, Walkup J, Crystal S. Mental Illness and Length of Inpatient Stay for Medicaid Recipients with AIDS. *Health Services Research* 37(6):1625-42, 2004.

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REVIEWS AND REVIEW ESSAYS

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PROCEEDINGS, POLICY PAPERS, LEGISLATIVE ANALYSES

1. American Public Health Association (Zito J, Eilers R, Socolar S, Crystal S: writing committee). *Regulating Drugs for Effectiveness and Safety: A Public Health Perspective*. Policy paper prepared for American Public Health Association, May 2006. Approved by Governing Council as APHA policy statement, November 2006. Published on APHA website, December 2006, at: <http://www.apha.org/legislative/policy/policysearch/index.cfm?fuseaction=view&id=1335>.
2. Crystal S. *Use of Linked Prescription Drug Claims Data for Improving Public Health and Informing Treatment Decisionmaking*. Paper prepared for AcademyHealth, CMS and Senate Finance Committee in support of regulatory and legislative efforts to provide research access to Medicare Part D data. 2006.
3. Crystal S. *Cost Offsets for Mental Health Parity Legislation*. Analysis prepared for health legislation staff of Speaker of the U.S. House of Representatives, October 2007.
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SELECTED RECENT TESTIMONY, MEDIA, OTHER PUBLIC EDUCATION

1. Crystal S. Medication Use and Quality of Care in Nursing Homes. Invited briefing for staff of House Energy and Commerce Committee. Washington, D.C., May 21, 2008.
2. Crystal S. Healthcare Access: Challenges of Coverage and Costs. Panel Discussion, "Fresh Outlook," EBRU-TV, July 2008.
3. Crystal S. Improving Quality and Outcomes of Medication Use in Federally Funded Health Programs. Briefing for Congressman Rush Holt and invited guests. School of Management and Labor Relations, Rutgers University, April 2008.
4. Crystal S. Seniors Without Savings. Interview, Your Investments with Adam Bold on PBS, June 2008.
5. Questions and Answers on Mental Health and the Growing Elderly Population: Interview with Stephen Crystal. *New Jersey Monthly*, Best Doctors issue, November 2006.
6. Crystal S. Mental Health and the Elderly. Interview, One on One with Steve Aduabato, Comcast Network and CSPAN, March 2006.
7. Crystal S. Use of Medicare Part D Prescription Drug Data for Outcomes Research and Evaluation: Legislative Issues. Briefing for Majority and Minority Legislative Staff, Senate Finance Committee, Washington, July 2005. Followup activities included assistance in drafting the Medicare Data Access and Research Act, introduced by Senators Grassley and Baucus in 2006, clarifying Congressional intent on research access to Medicare Part D data.
8. Crystal S. Disparities and What to Do About Them. Testimony Before Congressional Black Caucus of the U.S. Congress, Hearing on Elimination of Health Disparities: Bridging the Healthcare Divide, Newark, NJ, June 2004.
9. Crystal S. Data Needs and Regulatory Issues for Evaluating Impact of Medicare Prescription Drug Benefits. Testimony Presented Before State Pharmacy Assistance Transition Commission, Washington, July 2004.
10. Crystal S. Impact of Medicare Prescription Drug Legislation on State Pharmacy Assistance Programs. Testimony before the Pennsylvania Senate Aging and Youth Committee (respondent to testimony from Tom Scully, Administrator, Centers for Medicare and Medicaid Services). Harrisburg, PA, August 2003.

11. Crystal S. State Pharmacy Assistance Programs and Their Implications for a Medicare Prescription Drug Benefit. Testimony before the United States Senate Finance Committee, April 24, 2001. www.senate.gov/~finance/042401sc1test.pdf, accessed 3/3/06. Adviser to Senate committee staffs on prescription drug legislation.
12. Crystal S. Access to Prescription Drugs by the Elderly and State Policy. Testimony before Committee on Health, New Jersey Senate, May 2000.
13. Crystal S. Coping with Aging Parents. Series of 6 articles, Health section, *Newark Star-Ledger*, 1999.
14. Crystal S. Prescription Drugs and The Elderly. Op-ed, *Newark Star-Ledger*, July 19, 2000.

SELECTED ABSTRACTS AND CONFERENCE PRESENTATIONS

1. Crystal S. Partnerships to Address Antipsychotic Medications in Medicaid Programs: Addressing Clinical and Policy Challenges. Presented at Spring Meeting of the National Association of State Medicaid Directors, Oklahoma City, June 16, 2008.
2. Crystal S, Akincigil A, Bilder S, Walkup J. HIV/AIDS and Aging in the Medicaid Population: Age, Comorbidity, and Adherence. Paper presented at Annual Meeting of the American Geriatrics Society, Washington, DC, May 2, 2008.
3. Crystal S. Using Data and Evidence to Drive State Medicaid Policy. Presentation at Annual Meeting of AcademyHealth, Washington, DC, June 2008.
4. Crystal S (organizer/presider/presenter). Medicare Challenges for a New Administration. Invited presidential symposium, Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.
5. Crystal S, Akincigil A, Siegel M. Depression Treatment Among the U.S. Elderly and the Role of Prescription Drug Coverage Quality. Paper accepted for presentation at Annual Meeting of the American Public Health Association, San Diego, November 2008.
6. Bilder S, Walkup J, Akincigil A, Crystal S. Adherence to Antiretroviral Therapy in Persons with Bipolar Disorder. Paper presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2008.
7. Akincigil A, Walkup J, Bilder S, Huang C, Crystal S. ART Refill Persistence in a Large, Privately Insured U.S. Population. Paper presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2008.
8. Lucas J, Paek EK, Bowblis J, Crystal S. Testing a Resident Satisfaction Performance Report with Quality Improvement (QI) Education on Nursing Home QI Efforts and Quality Indicators. Poster presented at AcademyHealth Annual Research Meeting and Long-Term Care Colloquium, Washington, DC, June 7-10, 2008.
9. Crystal S, Siegel M, Lucas J, Akincigil A, Kalay E. Racial Differences in Antidepressant Use among Depressed Nursing Home Residents. Paper accepted for presentation at Annual Meeting of the American Public Health Association, San Diego, November 2008.

10. Walkup J, Akincigil A, Amin S, Bilder S, Crystal S. Treated Prevalence of HIV/AIDS Among Medicaid Patients with Diagnosed Schizophrenia in 110 U.S. Cities. Paper accepted for presentation at Annual Meeting of the American Public Health Association, San Diego, November 2008.
11. Gerhard T, Lucas J, Crystal S. Association Between Nursing Home Staffing Levels and Off-label Use of Antipsychotics. Accepted for poster presentation, 24th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, International Society of Pharmacoepidemiology, Copenhagen, August 2008.
12. Gerhard T, Lucas J, Olfson M, Hoover D, Kalay E, Crystal S. Effect of Regulatory Warnings on Antipsychotic Prescribing for Nursing Home Residents with Dementia. Accepted for oral presentation, 24th International Conference on Pharmacoepidemiology and Therapeutic Risk Management, International Society of Pharmacoepidemiology, Copenhagen, August 2008.
13. Crystal S (organizer/co-chair). National Consensus Conference on Management of Clinical Aggression in Youth: Treatment Recommendations, Appropriate and Inappropriate Medication Uses, Alternative Interventions, and Research Priorities. Conference sponsored by Rutgers Center for Education and Research on Mental Health Therapeutics, Texas Department of Health Services, New York State Office of Mental Health, California Department of Mental Health, and Annie E. Casey Foundation. Dallas, Texas, February 12-13, 2007.
14. Crystal S (organizer/presider). The Medicare Prescription Drug Benefit: Policy Controversies, Impact on Beneficiaries, and Future Prospects. Symposium presented at Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Selected as Ollie Randall Symposium (awarded to one symposium at each annual meeting) and as State-of-the-Art Symposium. Abstract in *The Gerontologist* 47 (Special Issue 1), pp. 105-107.
15. Crystal S. Cumulative Advantage, Educational Attainment, and Late-Life Health Status. Paper presented at Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Abstract in *The Gerontologist* 47 (Special Issue 1), pp. 178.
16. Siegel MJ, Lucas J, Kalay E, Akincigil A, Crystal S. Racial Disparities in Antidepressant Treatment in Nursing Homes: The Role of Education. Presented at Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Abstract in *The Gerontologist* 47 (Special Issue 1), p. 108.
17. Lucas JA (organizer), Crystal S (co-organizer/discussant). Psychotropic Drug Use in the Elderly: Research Results and Policy Issues. Symposium proposal submitted for Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.
18. Crystal S. Health Benefit Sustainability for Elderly in Cross-National Perspective: Impact of Population Aging on National Healthcare Expenditure Burden. Invited submission for Economics of Aging paper session, Economics of Aging Interest Group, Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.
19. West JC, Wilk JE, Rae DS, Muszynski IL, Rubio-Stipec M, Alter CL, Sanders KE, Crystal S, Regier DA. Medication Access and Continuity Among Dual Eligible Psychiatric Patients in Medicare Part D. Submitted for Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.

20. Lucas JA, Siegel MJ, Kalay E, Crystal S. Resident and Facility Characteristics Associated with Antipsychotic and Antidepressant Use in Nursing Home Residents with Dementia. Submitted for Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.
21. Crystal S, Gerhard T, Lucas J, Olfson M, Kalay E. Effect of Regulatory Warnings on Antipsychotic Prescribing for Nursing Home Residents with Dementia. Submitted for Annual Meeting of the Gerontological Society of America, National City, MD, November 2008.
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23. Crystal S. Population Aging and Sustainability of Health Benefits for the Elderly: A Cross-National Perspective. Submitted for World Congress of Gerontology, Paris, July 2009.
24. Carlson GA, Olfson M, Gerhard T, Huang C, Crystal S. Newly Diagnosed Bipolar Disorder-Treatment Implications. Abstract submitted for Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Chicago, October 2008.
25. Cook RL, McGinnis KA, Fiellin DA, Goelet JL, Gordon AJ, Samet J, Mattocks K, Crystal S, Kraemer K, Braithwaite S, Gibert C, Rodriguez-Barradas, Justice AC. Erectile Dysfunction Drug Use and Risky Sexual Behavior in HIV+ and HIV- Men. Accepted for presentation, Annual Meeting of the Society of General Internal Medicine, Pittsburgh, April 2008.
26. Crystal S, Walkup J, Bilder S, Amin S. Using Medicaid Data to Assess HIV/AIDS Prevalence among Persons with Severe Mental Illness: Treated Prevalence Rates in 110 U.S. Cities Using Medicaid Data to Assess HIV/AIDS Prevalence among Persons with Severe Mental Illness: Treated Prevalence Rates in 110 U.S. Cities. Abstract A-072-0132-13983. Abstracts of the International Conference on AIDS, Mexico City, August 2008.
27. Butt AA, McGinnis K, Crystal S, Simberkoff M, Rodriguez-Barradas M, Goetz M, Leaf D, Justice AC. HIV Infection and the Risk of Diabetes Mellitus. Accepted for presentation, 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) and the Infectious Diseases Society of America (IDSA) 46th Annual Meeting. Washington, DC, October 25-28, 2008.
28. Paek E, Lucas J, Bowblis J, Crystal S. Nursing Home Frontline Caregivers' Job Satisfaction: What Affects Certified Nurse Aides' (CNAs) Job Satisfaction? Poster presentation, Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Abstract in *The Gerontologist* 47 (Special Issue 1), p. 574.
29. Finnerty M, Leckman-Westin E, Gupta N, Chen Q, Olfson M, Gerhard T, Crystal S, Donahue S, Felton C, Essock S. Antipsychotic Polypharmacy: Prevalence and Predictors. Presented at 46th Annual Meeting of the American College of Neuropsychopharmacology, Boca Raton, December 12, 2007.
30. Walkup J, Bilder S, Akincigil A, Crystal S. Do Sociodemographic, Psychiatric, and Substance Abuse Variables Predict ARV Initiation and Refill Persistence Among Medicaid Beneficiaries Ages 18 and Under? Paper presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2007.

31. Gerhard T, Olfson M, Crystal S. National Patterns in the Outpatient Management of Children and Adults with Autism or Asperger Disorder. Paper presented at Annual Meeting of the American Academy of Pediatrics, San Francisco, October 27-30, 2007.
32. Crystal S (organizer/presenter). Prescription Drug Comparative Effectiveness and Safety Research: Scientific Strategies and Policy Issues. Briefing for staff of Senate Finance Committee and Congressional Research Service, Washington, March 13, 2007.
33. Crystal S (organizer/co-chair). Antidepressant Use and Suicidality. Symposium presented at Food and Drug Administration/CERTs Government Day Conference on Therapeutic Effectiveness and Safety, FDA Headquarters, Silver Spring, MD, March 14, 2007.
34. Crystal S. Part D Policy Controversies and the Future of the Medicare Prescription Drug Benefit. Accepted for oral presentation at Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Abstract in *The Gerontologist* 47 (Special Issue 1), p. 107.
35. Lucas J, Bowblis J, Siegel M, Kalay E, Crystal S. Resident and Facility Characteristics Associated with Use of Antipsychotic and Antidepressant Agents in Nursing Homes. Presented at Annual Meeting of the Gerontological Society of America, San Francisco, November 2007. Abstract in *The Gerontologist* 47 (Special Issue 1), p. 528.
36. Crystal S, Bilder S, Akincigil A, Levin C. Disparities in Depression Treatment Among Adult Medicaid Beneficiaries. Poster presented at Annual Partnerships in Therapeutics Meeting of the Centers for Education and Research on Therapeutics, Washington, March 13, 2007.
37. Pappadopulos E, Jensen PS, Olfson M, Lucas J, Scotto Rosato N, Crystal S. Outpatient Management of Aggression in Youth: Treatment Recommendations, Appropriate and Inappropriate Medication Uses, Alternative Interventions, and Research Priorities. Presented as poster at Annual Partnerships in Therapeutics Meeting of the Centers for Education and Research on Therapeutics, Washington, March 13, 2007, and as oral presentation at Food and Drug Administration/CERTs Government Day Conference on Therapeutic Effectiveness and Safety, FDA Headquarters, Silver Spring, MD, March 14, 2007.
38. Crystal S (organizer/co-chair). Off-Label Use of Atypical Antipsychotics Among Youth: Assessing Safety and Improving Appropriateness of Prescribing. Symposium presented at Food and Drug Administration/CERTs Government Day Conference on Therapeutic Effectiveness and Safety, FDA Headquarters, Silver Spring, MD, March 14, 2007.
39. Walkup J, Bilder S, Crystal S. Comparing Patients with Combined Major Mental illness and HIV, Major Mental Illness Without HIV, and HIV Without Major Mental Illness. Presented at Annual Meeting of AcademyHealth, Orlando, FL, June 2007.
40. Siegel M, Lucas J, Kalay E, Crystal S. Racial Disparities in Antidepressant Use in Nursing Homes: The Role of Education. Presented at paper session on Impact of Health Financing, Organization & New Technologies on Healthcare Disparities, Annual Meeting of AcademyHealth, Orlando, FL, June 2007.
41. Bilder S, Walkup J, Sohrakoff A, Crystal S. Mood Stabilizer and Anticonvulsant Prescription Refill Persistence in Bipolar Disorder: Disparities and Co-occurring Conditions. Presented at Pharmacoepidemiology Paper Session, Annual Meeting of AcademyHealth, Orlando, FL, June 2007.

42. Lucas J, Bowblis J, Levin C, Robertson B, Paek EJ, Crystal S. Family Satisfaction: How Do Respondent and Facility Characteristics Relate to Satisfaction with Nursing Home Care? Presented at Annual Meeting of AcademyHealth, Orlando, FL, June 2007.
43. Bowblis J, Lucas J, Crystal S. Family Satisfaction with Long-Term Nursing Home Care: Does Quantile Regression Give Us a Different Picture? Presented at Annual Meeting of AcademyHealth, Orlando, FL, June 2007.
44. Crothers K, Goelet JL, Rodriguez-Barradas M, Gibert CL, Oursler KA, Goetz M, Crystal S, Leaf DA, Butt AA, Braithwaite RS, Peck R, Justice AC. Impact of Smoking on Morbidity and Mortality in HIV+ and HIV- Veterans. Paper accepted for presentation at Annual Meeting of the American Thoracic Society, San Francisco, May 2007.
45. Crystal S. The Centers for Education and Research on Therapeutics and Their Role in Improving Quality, Safety and Outcomes of Pharmaceutical Care. Presented at Annual Meeting of the American Public Health Association, Washington, DC, 2007.
46. Crystal S. Part D Policy Controversies, Impact on Disadvantaged Groups, and the Assessment of Part D Treatment Outcomes, Quality of Care and Program Effectiveness. Presented at Annual Meeting of the American Public Health Association, Washington, DC, 2007.
47. Walkup J, Bilder S, Crystal S. Co-occurring Psychiatric Diagnoses and Psychotropic Medication Use by Medicaid Patients Younger Than 18 Diagnosed with Gilles de la Tourette Syndrome. Presented at Annual Meeting of the American Public Health Association, Washington, DC, 2007.
48. Walkup J, Bilder S, Crystal S. How Does HIV Status Affect Rates of Psychotropic Use by Medicaid Patients with Schizophrenia? Presented at Annual Meeting of the American Public Health Association, Washington, DC, 2007.
49. Hoover, D., Akincigil, A., Kalay, E., Lucas, J., Walkup, J., Prince, J., & Crystal, S. Trends in Medicare Inpatient Psychiatric Care for Persons 65 Years and Older. Paper presented at Annual Meeting of the American Public Health Association, Washington, DC, November 2007.
50. Sueoka K, Goulet J, Butt A, Crystal S, Gibert C, Rimland D, Bryant K, Rodriguez-Barradas M, Justice A. Depression Treatment among HIV Positive and Negative Veterans: Do Treatment Rates Vary by HIV Status? Poster presentation at Annual Meeting of the Society of General Internal Medicine, 2007.
51. Crystal S, Walkup J, Amin S. Race, Gender, and Geographic Patterns in HIV Infection Rates Among Persons with Severe Mental Illness. Submitted by request for invited panel, 2009 meeting of the American Sociological Association.
52. Crystal S (presenter), Akincigil A, Walkup JT, Bilder S. Studying Initiation and Persistence of Medication Regimens with Medicaid Claims Data: Strengths, Limitations, and Strategies. Paper presented at AHRQ/DECIDE Symposium on Comparative Effectiveness and Safety: Emerging Methods, Rockville, Maryland, June 19-20, 2006.
53. Crystal S, Amin S, Akincigil A. Cumulative Advantage and Health Disparities Among the Elderly: The Role of Education. Paper presented at Annual Meeting of the Gerontological Society of America, Dallas, November 2006.

54. Crystal S (organizer/chair/discussant). Public Policy Symposium -- The Medicare Prescription Drug Benefit: Implementation Challenges, Policy Controversies, and Future Prospects. Presented at Annual Meeting of the Gerontological Society of America, Dallas, November 2006.
55. Crystal S. Measuring and Publicly Reporting Long-Term Care Consumer Satisfaction: What is to be Done? Presented at Annual Meeting of the Gerontological Society of America, Dallas, November 2006.
56. Akincigil A, Amin S, Crystal S. Quality of Prescription Drug Coverage and Treatment of Depression in the Elderly Medicare Population. Paper presented at Annual Meeting of the Gerontological Society of America, Dallas, November 2006.
57. Crystal S. Assessing Risks and Benefits of Therapeutics Over the Product Life Cycle: The Crisis of Confidence in Drug Safety and the Need for a New Paradigm. Presented at 4th Annual Health Policy Summit - The Evolving World of Benefits and Risk - Risky Business? New Brunswick, NJ, November 2006.
58. Crystal, S., Akincigil, A., Bowblis, J., Levin, C., Jan, S. Overcoming Barriers to Guideline-Consistent Depression Care: The Significance of Age. Presented at Annual Meeting of AcademyHealth, Seattle, WA, June 2006.
59. Lucas JA, Lowe T, Levine C, Crystal S. Consumer Preferences in the Reporting of Long-term Care Satisfaction Data. Presented at Annual Meeting of AcademyHealth, Seattle, June 2006.
60. Bowblis, J., Levin, C., Akincigil, A. Crystal, S. An Exploration of Diagnoses and Pharmaceutical Treatment for Mental Illness among Elderly Nursing Home Residents. Presented at Annual Meeting of AcademyHealth, Seattle, WA, June 2006.
61. Crystal, S., Bilder, S., Akincigil, A., Levin, C. Patterns of Depression Diagnosis and Antidepressant Use Among Elderly and Non-Elderly Medicaid Beneficiaries. Presented at Annual Meeting of AcademyHealth, Seattle, WA, June 2006.
62. Akincigil, A., Bowblis, J., Levin, C., Jan, S., Crystal, S. Adherence to Antidepressant Medications among Health Plan Members Diagnosed with Major Depression. Paper presented at Annual Meeting of AcademyHealth, Seattle, WA, June 2006.
63. Butt A, Kelley D, McGinnis K, Skanderson M, Crystal S, Simberkoff M, Rodriguez-Barradas M, Leaf D, Goetz M, Justice A. Diabetes Mellitus in HIV Infected Persons – Role of CD4 Counts. Presented at 13th Conference on Retroviruses and Opportunistic Infections (CROI 2006), Denver, February 5-9, 2006.
64. Crystal S, Bilder S, Walkup J, Akincigil A. Disparities in Consistent Use of Antiretroviral Medication Among Medicaid Beneficiaries with HIV/AIDS in the U.S. Abstract: A-011-0092-19159. Abstracts of the International AIDS Conference, Toronto, August 2006.
65. Bilder, S., Walkup, J. Akincigil, A. Crystal, S., Examining Medicare Eligibility and Use of PI/NNRTIs in a Four-State Medicaid HIV/AIDS Population. Presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2006.

66. Walkup, J. Bilder, S., Akincigil, A. Crystal, S. Refill Persistence among Medicaid Beneficiaries Living With HIV/AIDS and Major Mental Illness. Presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2006.
67. Walkup J, Crystal S, Akincigil A, Bilder S. Using Administrative Claims Data to Study Longitudinal Medication Use. Presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2006.
68. Akincigil A, Bilder S, Walkup J, Crystal S. Age and Race Variations in Refill Persistence among Medicaid Beneficiaries Living With HIV/AIDS. Presented at NIMH/IAPAC Conference on HIV Treatment Adherence, Jersey City, March 2006.
69. Crystal S. Assessing Prescription Drug Use and Outcomes Over the Product Life Cycle: Need for a New Paradigm and the Role of Observational Data. Presented at Annual Meeting of the American Public Health Association, Boston, November 2006.
70. Crystal S, Bilder S, Walkup J, Akincigil A. Disparities in Consistent Use of Antiretroviral Medication among Medicaid Beneficiaries with HIV/AIDS in the U.S.: Results of a Multivariate Analysis. Paper presented at Annual Meeting of the American Public Health Association, Boston, November 2006.
71. Akincigil A, Walkup J, Kalay E, Crystal S. Trends in Psychiatric Hospitalizations among Medicare Beneficiaries. Presented at Annual Meeting of the American Public Health Association, Boston, November 2006.
72. Bowblis J, Akincigil A, Jan S, Crystal S. Outpatient Treatment of New Episodes of Depression in an Insured Population. Presented at Annual Meeting of the American Public Health Association, Boston, November 2006.
73. Crystal S (organizer/presider). Implementing the Medicare Prescription Drug Benefit. Symposium accepted for presentation at Annual Meeting of the Gerontological Society of America, Orlando, November 2005; included paper by organizer on MMA Implementation Overview: What is at Stake for the Elderly, States, and the Future of Medicare.
74. Crystal S. Social Security, "Entitlement Reform" and Inequality: Proposed Policy Changes and Their Potential Impacts. Presented at Symposium on Social Security and Social Insecurity: The Future of the Social Contract. Annual Meeting of the Gerontological Society of America, Orlando, November 2005.
75. Crystal S. Cumulative Advantage and the Coming Age Wave: Implications of Policy Changes for the Elderly's Future Economic Well-Being. Presented at Symposium on Cumulative Advantage/Cumulative Disadvantage and Health: Lifecourse and Comparative Perspectives, Annual Meeting of the Gerontological Society of America, Orlando, November 2005.
76. Wei W, Levin C, Crystal S. What Made Them Depressed? -- Longitudinal Study of Elderly Nursing Home Residents Following Admission. Paper presented at Annual Meeting of the Gerontological Society of America, Orlando, November 2005.
77. Lucas J, Levin C, Wei W, Akincigil A, Crystal S. Relationships Between Nutritional Status and Depression Treatment Among Depressed Nursing Home Residents. Presented at Annual Meeting of the Gerontological Society of America, Orlando, November 2005.

78. Levin C, Wei W, Akincigil A, Lucas J, Bilder S, Crystal S. Diagnosed Depression among Elderly Nursing Home Residents: Prevalence and Treatment. Presented at Annual Meeting of the Gerontological Society of America, New Orleans, November 2005.
79. Crystal S. Changes in Financing for Prescription Drugs for the U.S. Elderly and Disabled: Issues and Implications for Care of the Mentally Ill. Paper presented at Seventh International Conference on Costs and Assessment in Psychiatry: Financing Mental and Addictive Disorders, Conference sponsored by World Psychiatric Association Section on Mental Health Economics, World Health Organization and National Institute of Mental Health, Venice, March 2005. Abstract in *Journal of Mental Health Policy and Economics* 8(S1): S11, 2005.
80. Crystal S (organizer/presider). Secondary Data Analysis in Mental Health Services Research: Strategies and Resources. Panel presentation for Postdoctoral Seminar Series in Mental Health Research, Institute for Health, Rutgers, September 2005.
81. Crystal S. The Impact of Population Aging on Healthcare Expenditures. Invited paper presented at Penn State Conference on Effects of Demographic Change on the Elderly, State College, PA, October 9-11, 2005 (proceedings to be published in book form by Springer).
82. Crystal S. Medicare Reform, Formularies, Copayments, and the Mentally Ill in the U.S. Accepted for presentation, 5th World Congress of the International Health Economics Association, Barcelona, July 10-13, 2005.
83. Crystal S (organizer/presenter). Implementing the Medicare Prescription Drug Benefit. Symposium presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004. Designated as the Ollie Randall Symposium, an honor awarded to one symposium at each annual meeting. Included presentation by organizer on Implementation Issues for the Medicare Prescription Drug Benefit: High Stakes for the Elderly, States and the Future of Medicare.
84. Crystal S. Prescription Drug Coverage and the Medicare Modernization Act: What is at Stake? Invited presentation for American Medical Students Association Public Forum on "Healthcare Crisis and Prescription Drug Coverage (presenter/moderator). Piscataway, NJ, April 2005.
85. Wei W, Shen Y, Findley P, Walkup J, Crystal S. Prescription Drug Expenditures and Dual Eligibility among non-Elderly Medicaid Beneficiaries Diagnosed with Severe Mental Illness. Accepted for oral presentation, Annual Meeting of the American Public Health Association, November 2005.
86. Crystal S. Defined Contribution and Health Care Financing: Medicare 'Reform' and Inequality Among the Elderly. Paper presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004.
87. Crystal S. Implications of the Medicare Modernization Act. Paper presented at Symposium on Medicare Reform: Examining the Implications of Choice, Annual Meeting of the Gerontological Society of America, Washington, November 2004.
88. Crystal S (organizer/presider). Multiple Consumers of LTC: Who Measures Up? Symposium presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004.

89. Lucas JA, Levin CA, Lowe T, Crystal S. Satisfaction with Nursing Homes: Contrasting Family and Resident Priorities. Paper presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004.
90. Levin CA, Lucas JA, Paek G, Crystal S. Consumers of Assisted Living: Differences in Perspective Between Residents and Family Members. Paper presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004.
91. Crystal S. The Process of Health Inequality, Disablement, and Cumulative Advantage Over the Life Course. Paper presented at Annual Meeting of the Gerontological Society of America, Washington, November 2004.
92. Crystal S (co-organizer). Promoting Health in Later Life: Implications of Cumulative Advantage Processes. Symposium at Annual Meeting of the Gerontological Society of America, Washington, November 2004.
93. Crystal S. Aging With and Without HIV: Comparing the Impacts of HIV and Comorbidities of Aging. Presented at Symposium on Challenges to Healthy Aging in the HIV-Positive Adult, Annual Meeting of the Gerontological Society of America, Washington, November 2004.
94. Crystal S (organizer/discussant). Aging and the Life Course: Intersection with Public Policy. Paper session, Section on Aging and the Life Course, Annual Meeting of the American Sociological Association, 2004. Discussant presentation: Cumulative Advantage and Aging Policy: Cross-National and U.S. Perspectives.
95. Crystal S. Theoretical Integration in HIV/AIDS Research: Integrating the Big Picture and the Little Picture. Social Dimensions of HIV/AIDS in the Epidemic's Third Decade. Presented at Annual Meeting of the American Sociological Association, 2004.
96. Crystal S. States, Pharmacy Assistance, and Medicare Reform. Presentation at Health Policy Fellowship Symposium on The Role of the State in Health Policy, University of Medicine and Dentistry of New Jersey, Stratford, New Jersey, October 2004.
97. Crystal S. Medicare Part D and State Pharmacy Assistance: Critical Issues for States and for Advocates. Presentation for Families USA teleconference, The Medicare Drug Law: State Programs and Reaching Beneficiaries, October 15, 2004.
98. Crystal S. Medicare Reform and Prescription Drugs: High Stakes for the Elderly, States, and the Future of Medicare. Grand Rounds, Eastern Virginia Medical School, Norfolk, Virginia, May 25, 2004.
99. Crystal S. Impact of Cost Sharing and Formulary Structure on Pharmacy Utilization and Policy Implications. Presented at Invitational Summit for State Policy Makers: Part D Implementation Issues, Rutgers/AcademyHealth conference sponsored by Agency for Healthcare Research and Quality, Robert Wood Johnson Foundation State Coverage Initiatives Program, Commonwealth Fund, and National Governors Association, Philadelphia, October 8, 2004.
101. Wei W, Sambamoorthi U, Crystal S, Findley P. Mental Illness, Traumatic Brain Injury, and Medicaid Expenditures. Presented at Annual Meeting of AcademyHealth, June 2004.

102. Crystal S, Sambamoorthi U. Comorbid Physical Conditions and Quality of Depression Care Among Elderly Medicare Beneficiaries. Presented at Annual Meeting of AcademyHealth, June 2004.
103. Shen Y, Findley P, Maney M, Weerts S, Crystal S, Findley T. VA-Medicare Dual Beneficiaries with Stroke: Where Do They Get Care? Presented at Annual Health Services Research and Development National Meeting of the Veterans Health Administration, Washington, DC, February 17, 2005.
104. Akincigil A, Druss B, Bowblis J, Crystal S. Physicians' Diagnoses Associated with Antidepressant Use Between 1995 and 2001. Presented at Annual Meeting of AcademyHealth, June 2004.
105. Shea D, Sambamoorthi U, Wei W, Crystal S. Prescription Drug Expenditures among Elderly Medicare Beneficiaries: A Comparison of Medical Expenditure Panel Survey and Medicare Current Beneficiary Survey. Presented at Annual Meeting of AcademyHealth, June 2004.
106. Bagchi A, Sambamoorthi U, Walkup J, Crystal S. Persistence on Antidepressants Among Elderly Diagnosed with Major Depression. Paper presented at Annual Meeting of the American Public Health Association, November 2004.
107. Banarjea R, Sambamoorthi U, Crystal S. Variations in HIV Testing by Age among High Risk Individuals: Evidence from the 2001 National Health Interview Survey. Presented at Annual Meeting of the American Public Health Association, November 2004.
108. Crystal S. Impact of Mental Health Comorbidities on HIV Care. Presented at NIMH/NIDA/NIAAA Conference on Complexity of Co-Occurring Conditions, Washington, June 24, 2004.
109. Crystal S, Sambamoorthi U, Walkup J, Akincigil A. Diagnosis and Treatment of Depression in the Elderly Medicare Population. Presented at Centers for Medicaid and Medicare Services, Research Seminar Series (sponsored by CMS Office of Research, Demonstrations and Information), Baltimore, March 25, 2004.
110. Bagchi A, Sambamoorthi U, Walkup J, Crystal S. Duration and Adequacy of Antidepressant Therapy Among Elderly Medicare Beneficiaries with Depression. CMS Research Seminar, March 25, 2004.
111. Wei W, Sambamoorthi U, Olfson M, Walkup J, Crystal S. Psychotherapy of Depression in Older Adults. CMS Research Seminar, March 25, 2004.
112. Braithwaite RS, McGinnis K, Conigliaro J, Maisto SA, Crystal S, Day N, Cook RL, Gordon A, Bridges MW, Seiler JF, Justice AC. Temporal Association Between Alcohol Consumption and Medication Adherence Among Individuals With HIV. Presented at 9th International Workshop on HIV Observational Databases, Budapest, 2005.
113. Chwastiak LA, Goelet J, Bryant KJ, Conigliaro J, Crystal S, Day NL, Fiellin DA, O'Connor P, Rimland D, Rodriguez-Barradas M, Justice AC. Prescribing Patterns of Opioid Pain Medications and Benzodiazepines in a Large National VA Sample. Presented at Annual Meeting of the Society of General Internal Medicine, 2005. Abstract in *Journal of General Internal Medicine* 20:179(S1), 2005.

114. Akincigil A, Bowblis J, Levin C, Jan S, Patel M, Crystal S. Refill Persistence with Beta-blocker, Ace Inhibitor and Statin Therapy after an Acute Myocardial Infarction. Presented at 6th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, Washington, May 14-16, 2005.
115. Pogach L, Xie M, Shentue Y, Tseng CL, Crystal S, Safford M. Diabetes Healthcare Quality Report Cards: How Accurate Are The Grades? Submitted for Annual Meeting of AcademyHealth, 2005.
116. Crystal S. Out-of-Pocket Health Care Expenditures by Older Americans: Cumulative Advantage, Coverage, Choice, and Equity. Invited paper presented at Annual Meeting of the American Sociological Association, Atlanta, August 2003.
117. Thompson W, Wang H, Xie M, Kolassa J, Rajan M, Crystal S, Tseng CL, Zhang Q, Vardi Y, Pogach L, Safford MM. Longitudinal Changes in A1c to Assess Diabetes Quality of Care. Oral presentation at Annual Meeting of Society of General Internal Medicine, Chicago, May 14, 2004.
118. Crystal S. Health Care Organizations and Health Behavior Change Among the Elderly. Penn State Social Structures Conference, Societal Structures and Effective Health Behavior in the Elderly, October 18-19, 1999. Symposium sponsored by NIA; proceedings published in book form by Springer, 2003.
119. Crystal S, Sambamoorthi U, Walkup J, Akincigil A. Insurance Effects and Socioeconomic Disparities in Depression Treatment Among the U.S. Elderly. Presented at plenary session on Economics of Depression, Sixth International Workshop on Costs and Assessment in Psychiatry: Mental Health Policy and Economics -- The Value of Research, Venice, Italy, March 2003. Abstract in *Journal of Mental Health Policy and Economics* 6 (sup. 1): S11, 2003.
120. Crystal S. HIV and Mental Illness: Challenges for Care and Prevention. Invited presentation, plenary session, First Annual Conference, HIV Centers Consortium, New York, December 12, 2003.
121. Crystal S, Akincigil A, Sambamoorthi U, Walkup J. Impact of Insurance Status on Depression Treatment of Elderly. Oral presentation, 4th World Congress of the International Health Economics Association, San Francisco, June 15-18, 2003.
122. Crystal S. Pharmaceutical Benefit Policy And Legislative Issues in Medicaid Programs. Presented at ACS Update Conference for State Medicaid Directors and Staff, Chapel Hill, NC, May 4, 2003.
123. Crystal S. Long-Term Care Financing and New York's Medicaid Home Care Program. Panel discussion, Fordham University, April 30, 2003.
124. Crystal S, Sambamoorthi U, Moynihan P, McSpirtt E. Predictors of Persistent Use of Newer Antiretroviral Agents Over Time in a Low-Income U.S. Population with HIV/AIDS. Presented at XIV International AIDS Conference, Barcelona, July 2002.
125. Steinberg MB, Akincigil A, Delnevo C, Crystal S, Carson J. National Rates of Medication Prescription for Patients Counseled for Tobacco: 1997-2000. Presented at Annual Meeting of the Society for Research on Nicotine and Tobacco, New Orleans, February 2003.

126. Akincigil A, Crystal S (presenter), Wei W, Sambamoorthi U. Trends in Out-of-Pocket Spending for Medicare Beneficiaries. Oral presentation, Annual Meeting of AcademyHealth, June 2003.
127. Crystal S: Racial and Ethnic Disparities in HIV/AIDS Care: What We Know and What We Need to Know. Presented at Kaiser Family Foundation conference on disparities in HIV care, Washington, July 2003.
128. Crothers K, Griffith TA, Butt A, Gibert C, Crystal S, Justice AC. Impact of HIV on Diagnosis of Chronic Obstructive Pulmonary Disease. Presented at Annual Meeting of the American College of Chest Physicians, 2004. This paper was recognized with an ATS Young Investigator award.
129. Hoover DR, Sambamoorthi U, Crystal S (presenter). Characteristics of Community-Dwelling Elderly Not Vaccinated for Pneumococcus in 1998 and 2001. Paper presented at Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
130. Crystal S. (organizer/chair). States' Experience with Pharmacy Assistance to the Elderly: Implications for a Medicare Prescription Drug Benefit. Symposium presented at Annual Meeting of the Gerontological Society of America, San Diego, November 2003. Designated as the Ollie Randall Symposium, an honor accorded to one symposium each year.
131. Trail T, Fox K, Cantor J, Silberberg M, Kirschenbaum D, Crystal S. States' Approaches to Pharmacy Benefit Program Design. Paper presented as part of Ollie Randall Symposium, Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
132. Crystal S, Fox K, Trail T, Cantor J, Reinhard S, Kirschenbaum D. Managing the Cost of State Prescription Drug Programs: Approaches to Cost Containment and Quality Control and Their Implications for a Medicare Prescription Drug Benefit. Paper presented as part of Ollie Randall Symposium, Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
133. Crystal S (organizer/chair). Consumer Satisfaction Measurement in Long-Term Care. Symposium presented at Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
134. Lucas JA, Levin CA, Banerjee R, Lowe T, Crystal S. Relationship of Organizational Factors to Nursing Home Resident Satisfaction. Paper presented at symposium on consumer satisfaction measurement, Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
135. Levin CA, Lucas JA, Crystal S. Resident and Family Perspectives of Satisfaction with AL and NHs: A Consumer Comparison. Paper presented at symposium on consumer satisfaction measurement, Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
136. Bagchi A, Sambamoorthi U, McSpirtt E, Yanos P, Walkup J, Crystal S. Use and Persistence for Antipsychotic Medications Among HIV-Infected Individuals With Schizophrenia on Medicaid. Paper presented at Annual Meeting of the American Public Health Association, San Francisco, November 2003.
137. Richards RJ, Crystal S. Repeat and Follow-up Tests (RAFTs) After Colonoscopy: A Population-Based Study. Abstract in *Gastrointestinal Endoscopy* 57 (S1: 5): AB114, 2003.

138. Kennedy M, Akincigil A, Crystal S, Sambamoorthi U. Out-of-Pocket Prescription Drug Expenditures among Elderly with Mental Illness. Presented at Annual Meeting of the American Public Health Association, San Francisco, November 2003.
139. Wei W, Akincigil A, Crystal S, Sambamoorthi U. Gender Differences in Out-of-Pocket Prescription Drug Expenditures and Burden Among Elderly Medicare Beneficiaries. Presented at Annual Meeting of the American Public Health Association, San Francisco, November 2003.
140. Lowe T, Lucas J, Levin C, Crystal S. The Reporting of Nursing Home Quality Information: What Do Consumers Want to Know? Presented at Annual Meeting of the Gerontological Society of America, San Diego, November 2003.
141. Walkup J, Sambamoorthi U, Wei W, Crystal S. Association Between Antidepressant Treatment and Initiation and Persistence of Newer Antiviral Therapies. Presented at Annual Meeting of the American Public Health Association, San Francisco, November 2003.
142. Warner L, Wei W, McSpirtt E, Sambamoorthi U, Crystal S. Substance Abuse Treatment and Antiretroviral Therapy Before and After Delivery Among HIV-Infected Women on Medicaid. Presented at Annual Meeting of AcademyHealth, June 2003.
143. Wei W, Sambamoorthi U, Olfson M, Walkup J, Crystal S. Psychotherapy Treatment Among Elderly Diagnosed with Depression. Presented at Annual Meeting of AcademyHealth, June 2003.
144. Miller D, Zhang Q, Safford M, Crystal S, Rajan M, Tseng C, Pogach L. Mortality Benefits of Statin Use in Clinical Practice Among Patients with Diabetes. Submitted for Annual Meeting of the American Heart Association, 2003.
145. Cook RL, Kraemer KL, Conigliaro J, McGinnis K, Gordon AJ, Samet JH, Crystal S, Rimland D, Maisto S, Bryant KJ, Justice AC. Relationship Between Alcohol Use and Risky Sexual Behavior Among Veterans with HIV Infection. Presented at Annual Meeting of the Research Society on Alcoholism, June 2003.
146. Sambamoorthi U, Olfson M, Wei W, Crystal S (presenter). Diabetes and Depression Care Among Medicaid Beneficiaries. Accepted for presentation at Annual Meeting of the American Public Health Association, 2004.
147. Tseng CL, Helmer D, Rajan M, Tiwari A, Miller DR, Crystal S, Safford M, Greenberg J, Hawley G, Pogach L. Use of Risk-adjusted Multi-level Outcomes to Evaluate Regional Differences in Amputation Rates Among Veterans with Diabetes. Submitted for Annual Meeting of the American Public Health Association, 2004.
148. Lucas J, Levin C, Lowe T, Robinson J, Hoover D, Skarda J, Crystal S. Measuring Resident Satisfaction in New Jersey Nursing Homes. Presented at Annual Meeting of the Gerontological Society of America, Boston, November 2002.
149. Akincigil A, Walkup J, Kennedy M, Crystal S, Sambamoorthi U. Diagnosis and Treatment of Depression in Ambulatory Care Visits: Differences in Office-Based and Ambulatory Settings. Presented at Annual Meeting of the Academy for Health Services Research and Health Policy, 2002.
150. Robinson JP, Crystal S, Lucas JA, Castle N, Hamborg P, Lowe T, Hoover D. Results of a Pilot Resident Satisfaction Survey in Nursing Homes. Presented at Annual Meeting of the Academy for

151. Lowe T, Castle N, Lucas J, Robinson J, Crystal S. Consumer Satisfaction in Long-Term Care: State Initiatives in Nursing Homes and Assisted Living Facilities. Presented at Annual Meeting of the Academy for Health Services Research and Health Policy, 2002.
152. Walkup J, Wei W, Sambamoorthi U, Crystal S. Sensitivity of an AIDS Casefinding Algorithm: Who Are We Missing? Presented at Annual Meeting of the Academy for Health Services Research and Health Policy, 2002.
153. Akincigil A, Crystal S, Walkup J, Kennedy M, Sambamoorthi U. Patterns of Reported and Diagnosed Depression Among Elderly in Ambulatory Care. Presented at Annual Meeting of the Gerontological Society of America, Boston, November 2002.
154. Crystal S. Pharmaceutical Benefits, Public Insurance, and Mental Health Care for the Elderly. Presented at National Institute of Mental Health Pharmacoeconomics Research Conference, Bethesda, Maryland, May 2002.
155. Lucas JA, Hoover D, Hamborg P, Robinson JP, Castle N, Lowe T, Crystal S. Assessing the Cognitively Impaired in Resident Satisfaction Surveys. Presented at Annual Meeting of the Academy for Health Services Research and Policy, 2002.
156. Crystal S. Current Directions in Global Health Policy. Presentation for medical student luncheon, Robert Wood Johnson School of Medicine, April 2002 (presenter and symposium organizer).
157. Zhang Q, Pogach L, Miller D, Crystal S, Rajan M, Tseng C, Safford M. All-Cause Mortality Decreases with Statin Exposure in Individuals with Diabetes. Presented at Annual Meeting of the American Diabetes Association, New Orleans, June 2003. Abstract in *Diabetes* 52(S1): A274, 2003.
158. Crystal S. The Use of Administrative Data in HIV Care Research. Presented at HIV Neurobehavioral Research Center, University of California, San Diego, July 2002.
159. Akincigil A, Crystal S, Walkup J, Kennedy M, Sambamoorthi U. Depression Among the Elderly: Identifying the Target Population. Presented at Annual Meeting of the American Public Health Association, Philadelphia, November 2002.
160. McSpirtt E, Akincigil A, Cunningham W, Andersen R, Shapiro M, Crystal S. Health Care Access Among Women with HIV/AIDS: Results from the HIV Cost and Services Utilization Study. Presented at the Annual Meeting of the American Public Health Association, Philadelphia, November 2002.
161. Mechanic D, Bilder S, McAlpine D, Blitz C, Warner L, Crystal S, Walkup J. Barriers to Employment Among Persons with Mental Impairments. Presented at Social Security Administration Disability Research Institute Symposium on SSA Disability Benefits, Washington, June 2002.
162. Crystal S. Pharmaceutical Access and Affordability: The Role of the States. Invited presentation, Annual Meeting of the National Council of State Legislatures. San Antonio, August 14, 2001.

163. Crystal S, Sambamoorthi U, Kumar R. Out-of-Pocket Burden for Prescribed Medications Among the Elderly: Who Are the Heavily Burdened? Presented at annual meeting of the American Public Health Association, Boston, November 2000.
164. Crystal S, Kumar R, Sambamoorthi U, Harman J, Walkup J, Olfson M. Antidepressant Use Among the Elderly. Presented at Annual Meeting of the Gerontological Society of America, Washington, November 2000.
165. Crystal S, McSpiritt E, Akincigil A, Wenger N, Cunningham W, Golin C, Gifford A, Fleishman J, Andersen R, Shapiro M, Bozzette S. Non-Use of HAART Among HIV-Infected Persons in the United States. Presented at Annual Meeting of the Academy for Health Services Research and Policy, Atlanta, June 2001.
166. Crystal S. Cumulative Advantage, Public Policies, and the Distribution of Resources in Later Life. Invited paper presented at World Congress of Gerontology, Vancouver, July 2001. Abstract in *Gerontology: International Journal of Experimental, Clinical and Behavioral Gerontology* 47 (S1): 164.
167. Crystal S. Federal and State Roles in Prescription Drug Coverage. Presented at Center for State Health Policy's New Jersey Health Policy Symposium, *Health Coverage in New Jersey: Taking Stock and Looking Ahead*. Princeton, May 15, 2001.
168. Crystal S. State Policies and Prescription Drug Coverage. Presented at Forums Institute for Public Policy, Policy Forum, *Limited Access and High Costs: What Can New Jersey Do About Prescription Drugs*. Trenton, NJ, September 26, 2001.
169. Walkup J, Sambamoorthi U, Crystal S. PI/NNRTI Therapy for Patients with HIV and Serious Mental Illness. Presented at Annual Meeting of the American Public Health Association, Atlanta, October 2001.
170. Crystal S. Medicaid and Access to Pharmaceutical Therapies. Presented at Pharmacoeconomics and Health Outcomes Research Advisory Panel meeting, Aventis Pharmaceuticals, November 2001.
171. McSpiritt E, Sambamoorthi U, Crystal S, Lou Y. Use of Prenatal Care Among HIV-Infected Women Participating in Medicaid. Annual Meeting of the American Public Health Association, Atlanta, October 2001.
172. Crystal S. Pharmaceutical Policy-- Current State Actions. National Conference of State Legislatures, Teleconference for State Legislators and Legislative Staff on Prescription Drug Policy, October 25, 2001.
173. Crystal S. Experiences of State Pharmaceutical Assistance Programs. Annual Meeting of the Gerontological Society of America, Chicago, November 2001.
174. Crystal S. Development of Resident Satisfaction Measures for New Jersey Nursing Homes: An Overview. Annual Meeting of the Gerontological Society of America, Chicago, November 2001. Abstract in *The Gerontologist* 41:78(S1), 2001.
175. Lowe T, Castle N, Lucas J, Robinson J, Crystal S. Use of Resident Satisfaction Surveys by Assisted Living Facilities and Nursing Homes in New Jersey. Annual Meeting of the Gerontological Society of America, Chicago, November 2001.

176. Robinson J, Lucas J, Castle N, Lowe T, Crystal S. Critical Content for Resident Satisfaction Surveys in Nursing Homes. Annual Meeting of the Gerontological Society of America, Chicago, November 2001.
177. Lucas J, Hoover D, Robinson J, Castle N, Lowe T, Crystal S. Assessing the Cognitively Impaired With a Resident Satisfaction Survey. Annual Meeting of the Gerontological Society of America, Chicago, November 2001.
178. Crystal S, Castle N, Lucas J, Robinson J, Lowe T. Results of a Pilot Resident Satisfaction Survey in Nursing Homes. Annual Meeting of the Gerontological Society of America, Chicago, November 2001.
179. Crystal S. Access to Health Care Among Injection Drug Users with HIV. Presented at Pan American Health Organization/National Institute of Drug Abuse, Regional Expert Consultation with Latin American health officials and researchers, Buenos Aires, December 2001. Abstract published as "Acceso a Cuidados de la Salud para los Usuarios de Drogas Inyectables (UDI) con VIH" in *Clinical Infectious Diseases* 37 (S5):S473, 2003.
180. Walkup J, Wei W, Sambamoorthi U, Crystal S. Sensitivity of an AIDS Casefinding Algorithm: Who Are We Missing? Presented at Annual Meeting of the Academy for Health Services Research and Policy, Washington, June 2002.
181. McSpirtt E, Sambamoorthi U, Crystal S (presenter), Lou Y, Kumar R. Prescription Drug Costs and Out-of-Pocket Cost Burden Among the Elderly. Presented at Annual Meeting of the Gerontological Society of America, Washington, November 2000.
182. Crystal S, Sambamoorthi U, McSpirtt E. Use of Antiretroviral Therapy Among HIV+ Pregnant Women. Presented at annual meeting of the Association for Health Services Research, Los Angeles, June 2000.
183. Sambamoorthi U, Moynihan P, McSpirtt E, Crystal S. Use and Diffusion of Protease Inhibitors and Non-Nucleoside Reverse Transcriptase Inhibitors Among Medicaid Beneficiaries with AIDS. Presented at annual meeting of the Association for Health Services Research, Los Angeles, June 2000.
184. Crystal S, Sambamoorthi U, McSpirtt E, Moynihan P. Incidence and Persistence of Protease Inhibitor/NNRTI Use Among NJ Medicaid Beneficiaries. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.
185. Crystal S, Sambamoorthi U, Wenger N, Akincigil A, Fleishman J, Joyce G, Zingmond D, Bozzette S, Shapiro M. Socioeconomic Circumstances, Social Support, and Quality of Life Among Middle-Aged and Older People with HIV/AIDS. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.
186. Hoover DR, Cantor J, Kumar R, Sambamoorthi U, Crystal S. Elderly Medicare and Non-Medicare End of Life Expenditures in the MCBS from 1992-1996. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.
187. Yanos P, Walkup J, Sambamoorthi U, Kumar R, Crystal S. Characteristics and Service-Use Patterns of Non-Elderly Medicare Beneficiaries Diagnosed with Schizophrenia: Findings from the

Medicare Current Beneficiary Survey. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.

188. Zingmond DS, Wenger NS, Crystal S, Joyce G, Fleishman J, Liu HH, Sambamoorthi U, Lillard L, Leibowitz AA, Shapiro MF, Bozzette SA. Circumstances at HIV Diagnosis and Progression of Disease in Older HIV-Infected Americans. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.
189. Crystal S, for Joyce G, Lillard L, Leibowitz AA, Wenger N, Zingmond D, Fleishman J, Sambamoorthi U, Shapiro MF, Bozzette SA. Aging and the Economics of HIV. Presented at Annual Meeting of the American Public Health Association, Boston, November 2000.
190. Crystal S. Older Persons with HIV/AIDS: Socioeconomic and Health Characteristics. Presented at National Institute on Aging Conference on HIV/AIDS and Aging, Washington, September 18-20, 2000.
191. Crystal S, Sambamoorthi U, Warner L, Walkup J. Drug Abuse, Methadone Treatment, and Health Services Use Among Injection Drug Users with AIDS. Presented at National Institute of Drug Abuse Conference on HIV/AIDS Services in Drug Abuse Treatment Settings: Expanding Research and Practice, Bethesda, March 1999.
192. Harman J, Crystal S, Sambamoorthi U. Trends in Antidepressant Treatment and Depression Diagnosis by Age, Care Sector, and Care System. Presented at Annual Meeting of the Association for Health Services Research, Chicago, June 1999.
193. Crystal S, Hoover D, Kumar R. Modeling Utilization of Health Services by the Elderly. Post-doctoral training seminar, Rutgers University, October 1999.
194. Cunningham WE, Markson L, Andersen R, Crystal S, Fleishman J, Golin C, Gifford A, Nelson C, Liu H, Bozzette S, Shapiro M, Wenger N, and the HCSUS Consortium. Predictors of Highly Active Antiretroviral Therapy in Persons with HIV Disease. Presented at Annual Meeting of the Association for Health Services Research, Chicago, June 1999.
195. Zingmond D, Wenger NS, Shapiro MF, Crystal S, Joyce G, Fleishman J, Leibowitz AA, Sambamoorthi U, Bozzette SA. The Influence of Age on Diagnosis and Disease Progression in HIV-Infected Americans: Results from a Nationally Representative Sample of HIV-Infected Adults. Presented at Society for General Internal Medicine annual meeting, 1999.
196. Markson L, Cunningham W, Andersen R, Crystal S, Fleishman J, Fischl M, Gifford A, et al. Who Receives Highly Active Antiretroviral Therapy (HAART)? Data from a Nationally Representative Sample. Presented at Sixth Conference on Retroviruses and Opportunistic Infections, Chicago, Jan. 31-Feb. 4, 1999.
197. Wenger N, Gifford A, Liu H, Chesney M, Golin C, Crystal S, Berry S, et al. Patient Characteristics and Attitudes Associated with Antiretroviral Adherence. Presented at Sixth Conference on Retroviruses and Opportunistic Infections, Chicago, Jan. 31-Feb. 4, 1999.
198. Zingmond D, Wenger N, Shapiro MF, Crystal S, Sambamoorthi U, Joyce G, Liebowitz A, Fleishman J, Bozzette S. Clinical Course of Older Americans with HIV Infection. Society of General Internal Medicine annual meeting, San Francisco, April 29-May 1, 1999.

199. Johnson R, Sambamoorthi U, Crystal S. Gender Differences in Pension Wealth: Estimates Using Provider Data. Presented at Annual Meeting of the American Sociological Association, Chicago, August 1999.
200. Sambamoorthi U, Crystal S, Kumar R, Harman J. Estrogen Replacement Therapy among Elderly Women: Results from the 1995 Medicare Current Beneficiary Survey. Presented at Annual Meeting of the Association for Health Services Research, Chicago, June 1999.
201. Walkup J, Sambamoorthi U, Crystal S, Walters J. HIV-Related Services for New Jersey Residents with Developmental Disabilities. Presented at Annual Meeting of the Association for Health Services Research, Chicago, June 1999.
202. Crystal S, Walkup J, Sambamoorthi U. Serious Mental Illness Among HIV-Infected Medicaid Patients in New Jersey. Oral presentation, Mental Health Session, XII World AIDS Conference, Geneva, July 2, 1998.
203. Crystal S, LoSasso A, Sambamoorthi U. Incidence and Duration of Inpatient Hospitalizations Among Persons with AIDS. Presented at XII World AIDS Conference, Geneva, July 2, 1998.
204. Crystal S, Schmitz M: Psychological Distress Among Persons with HIV/AIDS: Relationships with Social Support, Conflict, Coping, and Distress. Presented at Second European Conference on Social and Behavioral Research on AIDS, UNESCO, Paris, January 1998.
205. Crystal S, Sambamoorthi U: Impact of Participation in a Case-Managed HIV Care Program on Social Inequities in Access to HIV Care. Presented at Second European Conference on Social and Behavioral Research on AIDS, UNESCO, Paris, January 1998.
206. Schmitz M, Crystal S. Caregiving for Persons with HIV/AIDS: Who Provides What for Whom? Presented at Annual Meeting of the American Sociological Association, San Francisco, August 1998.
207. Johnson R, Sambamoorthi U, Crystal S. Gender Differences in Pension Wealth at Midlife: A Comparison of Self-Reports and Pension-Provider Data. Economics of Aging Interest Group paper session, Gerontological Society of America Annual Meetings, Philadelphia, 1998.
208. Crystal S, Johnson R. Out of Pocket Costs of the Elderly: Estimates from the Medicare Current Beneficiary Survey. Gerontological Society of America Annual Meetings, Philadelphia, 1998.
209. Johnson R, Crystal S. Predictors of Out-of-Pocket Costs at Midlife: Do the Uninsured Pay More? Association for Health Services Research Annual Meetings, Washington, D.C., June 22, 1998.
210. Stein M, Crystal S, Cunningham W, Andersen R, Turner B, Zierler S, Shapiro M. Delays in Seeking Personal Care Due to Caregiving in US HIV Patients. Plenary session, Society of General Internal Medicine Annual Meetings, April 1998.
211. Crystal S. Management of HIV/AIDS Care Over the Course of Disease. Presented at HIV/AIDS Disease Management Summit, San Francisco, August 1998.
212. Crystal S, LoSasso A, Sambamoorthi U. Event History Analysis of Hospitalization in a Cohort of Persons with AIDS. Presented at Annual Meeting of the American Public Health Association, Washington, November 1998.

213. Sambamoorthi U, Crystal S, Walkup J. Diagnosis and Treatment of Major Depressive Disorder Among Medicaid Recipients with HIV/AIDS. Presented at Annual Meeting of the American Public Health Association, November 1998.
214. Walkup J, Crystal S, Sambamoorthi U. Substance Abuse by HIV Infected Persons with Severe Mental Illness. Presented at Annual Meeting of the American Public Health Association, November 1998.
215. Crystal S: The Future of Medicare and Medicaid in a Changing Health Care System. Presented at Gerontological Society of America annual meeting, 1997.
216. Crystal S, Johnson R. Health Inequality, Age of Onset of Disability, and Financial Consequences. Presented at Gerontological Society of America annual meeting, 1997.
217. Johnson R, Crystal S. Catastrophic Out-of-Pocket Health Care Costs and the Distribution of Medical Expenses at Midlife. Presented at Gerontological Society of America annual meeting, 1997.
218. Crystal S: Health Services Needs and Utilization Among Older Persons with HIV. Paper presented at National Institute on Aging Conference on AIDS and the Elderly, 1997.
219. Crystal S, Johnson R: Changing Retirement Prospects of American Families: Impact of Labor Market Shifts on Economic Outcomes. Presented at Annual Meeting of the American Sociological Association, Toronto, August 1997.
220. Schmitz M, Crystal S: Social Support, Conflict, Coping and Distress Among Persons with HIV/AIDS. Presented at Annual Meeting of the American Sociological Association, Toronto, August 1997. Also presented at Fifth Annual National Institute of Mental Health Research Conference on the Role of the Family in Preventing and Adapting to HIV/AIDS, Baltimore, July 1995.
221. Crystal S, Johnson R: Costs and Characteristics of Health Insurance in the Health and Retirement Survey. Paper presented at Health and Retirement Survey Wave 2 Early Results Workshop, Institute for Social Research, University of Michigan, October 1995; distributed in ISR's HRS Working Paper series.
222. Crystal S: Global Dimensions and Demographics of Poverty Among the Elderly. Keynote address, United Nations HABITAT II Conference on Poverty and Aging, March 1996.
223. Crystal S: Transitions and Trajectories in HIV Disease: Health Services Utilization, Functional Status, and Distress. Colloquium, Department of Health Care Policy, Harvard Medical School, March 1996.
224. Crystal S: Behavioral Issues in HIV Health Care. Invited presentation, Tenth Anniversary Conference, Rutgers Institute for Health, May 1996.
225. Crystal S, Sambamoorthi U. Functional Status Trajectories in Symptomatic HIV Disease. Presented at XI International Conference on AIDS, Vancouver, July 9, 1996 [Abstract 2318].

226. Fleishman J, Sherbourne C, Crystal S, Marshall G, Kelley M, Grant I, Collins R, Hays R, and the HCSUS Consortium. Social Support and Coping: Factor Structures and Associations with Psychological Distress. Presented at XI International Conference on AIDS, Vancouver, July 1996.
227. Crystal S. Studying Health Care Utilization Longitudinally. Colloquium, Boston University School of Public Health, August 1996.
228. Hays R, Wu A, Cleary PD, Fleishman J, Sherbourne C, Crystal S, Eggan F, Marshall G, Kaplan R, Kelly M, Shapiro M, Bozzette S: Associations of Time Tradeoff with Health-Related Quality of Life Profile Measures in HIV Disease. Presentation at Association for Health Services Research, June 1996.
229. Crystal S, Johnson R: Health Care Utilization and Out of Pocket Costs at Midlife: The Impact of Managed Care. Presentation at Association for Health Services Research, Atlanta, June 1996.
230. Crystal S, Sambamoorthi U: Medicaid Expenditures for Children with AIDS: Implications for Managed Care. Presented at Association for Health Services Research, Atlanta, June 1996.
231. Riley T, Crystal S. Coping and Depression Among Persons Living with HIV/AIDS. Presented at AHCPR/HRSA Annual Trainee Meeting, Atlanta, June 1996.
232. Crystal S, Sambamoorthi U, LoSasso A. Health Care Utilization in Case-Managed and Non-Case Managed Patients with AIDS. Presentation for director and senior executive staff of New Jersey Medicaid program, September 1996.
233. LoSasso A, Crystal S, Sambamoorthi U. HIV, Substance Abuse, and Mental Health Services: Issues for Medicaid Managed Care. Testimony at Public Hearing on managed care plans for substance abuse and mental health services, New Jersey Department of Human Services. Camden, NJ, September 1996.
234. Johnson R, Crystal S: Racial Variations in Health, Health Insurance Coverage, and Medical Expenses. Presented at annual meeting of the Population Association of America, New Orleans, May 1996.
235. Riley T, Crystal S. Social Support, Coping, and Distress in HIV Disease. Presented at Annual Meeting of the American Psychological Society, San Francisco, June 1996.
236. Crystal S, LoSasso A, Sambamoorthi U. Access, Services Utilization, and Cost of Care for Persons with AIDS on Medicaid in New Jersey. Presentation to executive staff of New Jersey Department of Health, July 1996.
237. Crystal S, Johnson R. Health Insurance Coverage, Medical Expenses, and Race at Midlife. Presented at Annual Meeting of the American Public Health Association, New York, November 1996.
238. Sambamoorthi U, Crystal S. Patterns of Health Care Utilization and Costs Among Children with AIDS. Presented at Annual Meeting of the American Public Health Association, New York, November 1996.

239. Agre L, Sambamoorthi U, Crystal S. Child's Health Status and Home Environment: Evidence from the 1988 NLSY. Presented at Annual Meeting of the American Public Health Association, New York, November 1996.
240. Crystal S: Medicaid and Medicare: Past, Present and Future. Presented at Presidential Symposium on Medicaid and Medicare, Annual Meeting of the Gerontological Society of America, November 1996.
241. Crystal S, Johnson R. Health Inequalities at Midlife: Differential Illness Burdens, Variations in Insurance Protection, and Their Consequences. Paper presented at Annual Meeting of the Gerontological Society of America, November 1996.
242. Crystal S, Sambamoorthi U. Functional Status Trajectories in Symptomatic HIV Disease. Presented at Conference on Advances in the Care and Management of HIV/AIDS: From Research to Practice, Newark, October 1996.
243. Crystal S: Responding to the HIV/AIDS Challenge: Monitoring Quality and Access for Persons with HIV/AIDS in Medicaid Managed Care Programs. Keynote address, Sixth Annual HIV/AIDS Update Conference, New York University, October 1995.
244. Crystal S: The Vulnerable Elderly, Entitlements, and the Social Safety Net. Public Policy Forum, Annual Meeting of the Gerontological Society of America, Los Angeles, November 1995.
245. Crystal S: Analyzing Functional Status Trajectories with Hierarchical Linear Models. Paper presented at Annual Meeting of the Gerontological Society of America, Los Angeles, November 1995.
246. Crystal S: Health Policy Challenges Confronting the Elderly: The Role of Foundations. Presented at New Jersey Grantmakers' Seminar on Programs for the Elderly, sponsored by Robert Wood Johnson Foundation and Fannie E. Rippel Foundation, Princeton, November 1995.
247. Crystal S: Health Services Utilization and the Course of HIV Illness: Using Hierarchical Linear Modeling. Presentation to Post-Doctoral Training Program in Health Services Research, University of Medicine and Dentistry of New Jersey and Rutgers University, December 1995.
248. Schlosser L, Crystal S, Sambamoorthi U. Informal Caregiving, Living Arrangements and Use of Health Care Services Among Persons Aged 50 and Over with HIV Disease. Presented at HIV and Aging Conference, New York, October 1995.
249. Crystal S: Lifecourse Dynamics and Later-Life Income Distribution: Leveling, Status Maintenance, or Cumulative Advantage? Colloquium, University of Michigan Institute on Aging, May 1995.
250. Crystal S: Population-Based Needs Assessment for Persons with HIV Disease. Presented at Methods Workshop on Health Status Assessment, Annual Meeting of the Association for Health Services Research, June 1995.
251. Crystal S: Social Change and the Distribution of Economic Resources Among Older People. Invited paper, Annual Meeting of the American Sociological Association, Washington, August 1995.

252. Crystal S: Informal Caregiving and Use of Health Services Among Women with HIV Disease. Paper presented at Annual Meeting of the American Psychological Association, New York, August 1995.
253. Crystal S: Impact of Social Support on the Cost of Care for HIV/AIDS. Presented at Third Annual National Institute of Mental Health Research Conference on the Role of the Family in Preventing and Adapting to HIV/AIDS, Chantilly, VA, July 1995.
254. Crystal S: Critical Issues in HIV Health Services Delivery in New Jersey. Testimony, Hearings on Ryan White CARE Act Services, New Jersey Department of Health, Trenton, January 1995.
255. Crystal S: Who Cares for the Carers? Gender Differences in Social Support and Services Utilization Among Persons with HIV Disease. Presented at National Institutes of Health Conference on Women and HIV, February 1995.
256. Crystal S: Formal and Informal Caregiving Among Persons with HIV. Invited presentation, Annual Meeting of the Eastern Sociological Association, March 1995.
257. Crystal S: Statistical Models for Analysis of Unbalanced Longitudinal Data. Presented at American Public Health Association annual meeting, October 1994.
258. Crystal S: Issues in Health Care Delivery for Women with AIDS. Presentation to AIDS Update Conference, New Jersey Department of Health, September 1994.
259. Crystal S: Clinical Implications of Informal Caregiving Patterns in AIDS Care. Conference on Clinical Implications of the Role of Families in Adapting to AIDS, National Institutes of Health, Bethesda, MD, July 1994.
260. Crystal S: Social Support Variations Among Persons with HIV Disease. Presented at Second Annual National Institute of Mental Health Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, Chantilly, VA, July 1994.
261. Crystal S: Trends in Zidovudine Utilization in New Jersey: The Diffusion of Innovation in HIV Care. Presented at Second International Conference on Biopsychosocial Aspects of HIV Infection, Brighton, England, July 1994.
262. Crystal S: Gender Differences in Utilization of Health Services and Informal Care. Paper presented at Tenth International Conference on AIDS, Yokohama, Japan, August 1994 (oral presentation).
263. Crystal S: The Changing Distribution of Income and Assets During the Reagan-Bush Era: Implications for Public Policy. Presented at Annual Meeting of the Gerontological Society of America, 1994.
264. Crystal S: Social Support in HIV Illness. Presentation for Post-doctoral Mental Health Training Program, Institute for Health, Rutgers, spring 1994.
265. Crystal S, Bilder S, Merzel C, Sambamoorthi U. Social Support, Coping, and Psychological Distress Among Persons with HIV Disease. Paper presented at IX International Conference on AIDS, Berlin, June 1993 [Abstract 1367].

266. Crystal S, Sambamoorthi U, Merzel C. Illness Trajectories and Cost of AIDS Care. Presented at IX International Conference on AIDS, Berlin, June 1993 [Abstract 4209].
267. Crystal S: Income Distribution and Health Status Among the US Elderly: Implications for Health Care Financing. Presented at XV International Conference of Gerontology, Budapest, 1993. (NIA travel expenses grant awarded through Gerontological Society of America).
268. Crystal S, Bilder S, Merzel C, Sambamoorthi U. Stress and Distress: Determinants of Depression Among Persons with Symptomatic HIV Illness. Presented at Annual Meeting of the American Public Health Association, San Francisco, 1993.
269. Crystal S: Federal Policy Toward Housing the Frail Elderly Poor in the U.S.. Presented at Federal National Mortgage Association Colloquium Series on Housing Policy, Rutgers University, 1993.
270. Crystal S: Health Care Reform and Financing Options for Long-Term Care. Andrus Distinguished Lecture Series, Andrus Retirement Community, New York, 1993.
271. Crystal S, Waehrer K. Lifecourse Dynamics and Economic Inequality Among Older People: Longitudinal Evidence on the Cumulative Advantage Hypothesis. Presented at Annual Meeting of the Gerontological Society of America, Washington, DC, 1992.
272. Crystal S, Sambamoorthi U, Merzel C. Impact of Zidovudine Therapy on Survival and Health Services Utilization. Presented at VIII International Conference on AIDS, Amsterdam, July 1992.
273. Crystal S, Shea D: The Divided States of Aging: Divergences in Health and Economic Status and Their Implications for Health System Reform. Paper presented at Annual Meeting of the American Public Health Association, Washington, D.C., 1992.
274. Crystal S, Yphantides N, Main T. Non-Sheltered and Sheltered Homeless in a Sunbelt City: Comparison of Health-Related and Social Characteristics. Paper presented at Annual Meeting of the American Public Health Association, Washington, D.C., 1992.
275. Crystal S, Sambamoorthi U, Merzel C. Estimating the Per-Case Cost of AIDS Care. Paper presented at Annual Meeting of the American Public Health Association, Washington, D.C., 1992.
276. Beck P, Crystal S, Krishnaswami S. Respite Care Utilization Trends and Correlates in a State-Wide Respite Care Program. Paper presented at Annual Meeting of the American Public Health Association, Washington, D.C., 1992.
277. Yphantides N, Crystal S, Main T. Health-Related Characteristics of the Sheltered and Non-Sheltered Homeless: Implications for Medical Care. Presented at Annual Meeting of the American Academy of Family Practice, Kansas City, 1992.
278. Crystal S, Schiller N. Outpatient Medical Care and the Course of AIDS. Paper presented at VII International Conference on AIDS, Florence, 1991. *Int. Conf. AIDS 1991* 7(2):52; summarized in Goldsmith MF, "Cost in Dollars and Lives Continues to Rise [Medical News and Perspectives]", *JAMA* 266(8):1055, 1991.
279. Crystal S: Compression versus Expansion of Morbidity in HIV Disease. Paper presented at Sixth International Workshop on Health Expectancies, REVES (Reseau Esperance de Vie en Sante/Network on Health Expectancies), Montpellier, France, 1992.

280. Crystal S: Modeling the Survival and Cost Impact of AZT Use. *Epidemiology and Quantitative Methods Colloquium Series*, UMDNJ/Rutgers Program in Public Health, 1991.
281. Crystal S: Hazards Models for AIDS Utilization, Cost and Outcomes. Presented at Agency for Health Care Policy and Research Conference on AIDS Health Services Research, Miami, December 1991.
282. Crystal S, Waehrer K. The Contribution of Living Arrangements to the Economic Well-Being of the Elderly. Abstracts of the Annual Meeting of the Gerontological Society of America, San Francisco, 1991; *The Gerontologist* 31(II):130, 1991.
283. Beck P, Dejowski E, Crystal S. Implications of New Jersey's Respite Care Program for a National Respite Policy. Abstracts of the Annual Meeting of the Gerontological Society of America, *The Gerontologist* 31(II):306, 1991.
284. Crystal S, Schiller N. The Social Construction of AIDS Risk Groups. Presented at Annual Meeting of the American Public Health Association, 1991.
285. Crystal S, Schiller N, Altman R, Costa S, Sambamoorthi U, Massey J, Beil J, Merzel C: AIDS Surveillance and Survival Status: Findings from a New Jersey Survey. Presented at Annual Meeting of the American Public Health Association, 1991.
286. Beck P, Dejowski E, Crystal S. Using Respite Care to Alleviate Caregiver Burden and Isolation. Presented at Annual Meeting of the American Public Health Association, 1991.
287. Crystal S: Family Relationships and Informal Caregiving Among Persons with AIDS. Presented at Annual Meeting of the American Sociological Association, 1991.
288. Crystal S: Paradigms of Social and Health Care Research on AIDS. Presented at Annual Meeting of the American Sociological Association, 1991.
289. Crystal S: Studying Primary Care in HIV Illness. Agency for Health Care Policy and Research Second Annual Conference on Primary Care, San Diego, 1991.
290. Crystal S, Shea D. Education and Economic Well-Being Among the Elderly. *Abstracts, Annual Meeting of the Gerontological Society*, Boston, 1990 (October Special Issue, *The Gerontologist*).
291. Shea D, Crystal S. Health Insurance and Economic Disadvantage Among the Elderly. *Abstracts, Annual Meeting of the Gerontological Society*, Boston, 1990 (October Special Issue, *The Gerontologist*).
292. Crystal S: HIV Illness and Families: Mental Health Service Models. National Institute of Mental Health Conference on HIV, Families and Mental Health, Bethesda, November 1990.
293. Juvelis J, Crystal S. Stress and AIDS in a New Jersey Prison. Presented at annual meeting of the American Anthropological Association, November 1990.
294. Crystal S: The Elder Abuse 'Crisis' ", Annual Meeting, California Welfare Directors' Association, Eureka, CA, October 1990.

295. Crystal S, Schiller N, Altman R, Costa A, et al. Survival Status of Cases from the New Jersey AIDS Registry. Abstract in Int. Conf. AIDS 1990 6(1):297.
296. Schiller N, Karus D, Crystal S: The Role of Kin in Caregiving for Persons with AIDS in New Jersey. Abstract in Int. Conf. AIDS 1990 6(1):331.
297. Merzel C, Crystal S, Kurland C, Karus D. Inpatient Hospital Utilization by Participants in a Statewide HIV Home Care Program. Abstract in Int. Conf. AIDS 1990 6(2):285.
298. Schiller N, Karus D, Crystal S: Family Caregiving for Persons With AIDS. Association for Social Sciences in Health, New York, June 1990.
299. Crystal S, Dengelegi L, Dejowski E. Contact Notification as a Means of Targeting AIDS Education. Abstracts, Annual Meeting of the American Public Health Association, New York, October, 1990.
300. Crystal S, Beck P, Guttmacher S, Karus D, Dengelegi L. Dangerous Myths: Misconceptions About AIDS Among Inner-City, Non-School-Attending Youth. Abstracts, Annual Meeting of the American Public Health Association, New York, October 1990.
301. Dengelegi L, Crystal S. The Role of Case Management in the Provision of Services to the Developmentally Disabled Population. Abstracts, Annual Meeting of the American Public Health Association, New York, October 1990.
302. Crystal S. Variations in Health Services Utilization Among Persons with AIDS: Early Findings from Two New Jersey Studies. Annual Meeting of the American Public Health Association, October 1990.
303. Crystal S: The Financial Consequences of Aging Differently: Economic Heterogeneity and the Life Course. Abstracts, *Annual Meeting of the Gerontological Society*, Minneapolis, 1989 (October Special Issue, *The Gerontologist*).
304. Crystal S, Micchelli M: Predictors of Home Care Utilization. Abstracts, *Annual Meeting of the Gerontological Society*, Minneapolis, 1989 (October Special Issue, *The Gerontologist*).
305. Crystal S, Jackson M. Psychosocial Adaptation of Persons with AIDS. Abstracts, *Fifth Annual International Conference on AIDS*, Montreal, 1989.
306. Schiller N, Crystal S, Karus D, Lewellen D. Female Family Members as Mediators of Utilization of Health and Social Services. Abstracts, *Fifth Annual International Conference on AIDS*, Montreal, 1989.
307. Schiller N, Crystal S, Karus D, Lewellen D. Failure to Disclose AIDS Diagnosis, Psychological Stress, and the Utilization of Services. Abstracts, *Fifth Annual International Conference on AIDS*, Montreal, 1989.
308. Crystal S: Income Distribution Among the Elderly: Implications for Health Care Financing. Abstracts, *Annual Meeting of the American Public Health Association*, 1989.
309. Crystal S: Mental Health Needs of Persons with AIDS and Aids-Related Complex. Abstracts, *Annual Meeting of the American Public Health Association*, 1989.

310. Crystal S: Research Strategies in AIDS Health Services: Integrating Primary Data Collection and the Utilization of Secondary Sources. *Annual Meeting of the American Public Health Association*, 1989.
311. Crystal S, Merzel C, Schiller N. Significance of Support Systems for Access to Health and Social Services by Persons with AIDS: The Role of Case Management. *Abstracts, Annual Meeting of the American Public Health Association*, 1989.
312. Merzel C, Crystal S, Kurland C. Providing Home and Community-Based Long-Term Care Services to Persons with AIDS. *Abstracts, Annual Meeting of the American Public Health Association*, 1989.
313. Schiller N, Crystal S. AIDS and Informal Care: The Unheralded Role of Women. *Abstracts, Annual Meeting of the American Public Health Association*, 1989.
314. Crystal S, Jackson M: Health Care and the Social Construction of AIDS. American Sociological Association Annual Meeting; *Sociological Abstracts*, supp. 159:71, 1989.
315. Crystal S: Adjusted Income and Income Comparisons using the Survey of Income and Program Participation. Colloquium, Center for Population Studies and Department of Sociology, Brown University, 1989.
316. Crystal S: Health Care Financing and the Economic Resources of the Elderly. Colloquium, Clinical Research Center of the Medical College of Pennsylvania and Philadelphia Geriatric Center, 1989.
317. Crystal S: Sexual Politics, Power, and Risk Reduction for Sexual Partners of Intravenous Drug Abusers. National Conference on Women and AIDS Prevention, National Institute of Drug Abuse, Berkeley, 1989.
318. Crystal S: AIDS and the Health Care System. Eastern Sociological Society, Baltimore, 1989.
319. Crystal S: Psychosocial Factors in the Care of Persons with AIDS. Conference on AIDS Prevention and Care, Georgia Department of Health, Columbus, Georgia, 1989.
320. Crystal S: Financial Impact of Supportive Care for Persons with AIDS. *Abstracts, Annual Meeting of the American Public Health Association*, 1988.
321. Crystal S, Shea D: Age Distribution of Economic Well-Being: New Findings from the Survey of Income and Program Participation. Annual Meeting of the American Economic Association, 1988.
322. Crystal S: Size and Distribution of the Elderly's Income. *Abstracts, Annual Meeting of the Gerontological Society*, 1988.
323. Crystal S, Morris W. Diagnostic Patterns in Hospital Utilization by the Homeless. *Abstracts, Annual Meeting of the American Public Health Association*, 1988.
324. Crystal S: Supply and Demand of Home Care Workers. *Abstracts, Annual Meeting of the Gerontological Society*, 1988.

325. Crystal S: Diverse Needs of Sub-Groups Among the Homeless. Plenary session, annual meeting of the New Jersey Public Health Association, 1988.
326. Crystal S: AIDS Contact Notification and Alternative Policy Options: Practical, Ethical, and Cost/Benefit Considerations. *Abstracts, Annual Meeting of the American Psychological Association*, 1988.
327. Crystal S: Psychosocial Coping and Economic Circumstances of People With AIDS or ARC. Clinical Epidemiology Lecture Series, School of Medicine, University of California at San Diego, 1988.
328. European lecture tour sponsored by U.S. Information Agency; lectures on various aspects of aging policy in America, at Republican Committee for Social Welfare, Zagreb; University Gerontology Center, Ljubljana; Institute for Social Policy, Belgrade; Institute for Social and Economic Research, Titograd; Cassa di Risparmio, Genoa; Italian Workers' Union Study Center, Trieste; 1987.
329. Crystal S: Hospitals and Long-Term Care in an Aging America. University of Medicine and Dentistry of New Jersey, 1987.
330. Crystal S: Elder Abuse Legislation and the False Analogy to Child Abuse. National Conference on Family Violence, University of New Hampshire, 1987.
331. Crystal S: Poor No More: The Vanishing Elderly Poor? American Society on Aging, 1986.
332. Crystal S: One Man's Means Test Is Another Woman's Income Sharing. American Society on Aging, 1986.
333. Crystal S: Involuntary Intervention and the Homeless Mentally Ill: Legal, Ethical, and Policy Issues. *Abstracts, Annual Meeting of the American Public Health Association*, 1985.
334. Crystal S, Dejowski E: New Approaches to Conservatorship and Protective Services Among the Elderly. *Abstracts, Annual Meeting of the Gerontological Society*, 1985.
335. Crystal S: Policy Choices for New York's Elderly. Testimony before the New York State Governor's Task Force on the Aging; New York City, 1985.
336. Crystal S: Elder Abuse as a Policy Problem. National Conference on Elder Abuse, University of New Hampshire, 1985.
337. Crystal S: Income and Inequality Among the Elderly. *Abstracts, Annual Meeting of the Gerontological Society*, 1984.
338. Crystal S: The Future Shape of Long-Term Care. Administration on Aging, Northwest Regional Training Conference; New London, 1983.
339. Crystal S: Rights, Risks and Responsibilities: Involuntary Intervention and the Mentally Impaired. *Abstracts, Annual Meeting of the Gerontological Society*; San Francisco, 1983.
340. Crystal S: Community Mental Health Centers and the Chronically Mentally Ill. National Conference of Community Mental Health Centers, 1982.

341. Crystal S: *Deinstitutionalization, Community Care, and Adult Protective Services*. National Council on Aging, Detroit, 1982.
342. Crystal S: *Social Change, Intergenerational Help, and the Elderly*. *Abstracts, Annual Meeting of the American Sociological Association*, Toronto, 1981.

PRIZE-WINNING DISSERTATIONS AND STUDENT RESEARCH SUPERVISED

Michael Knox, 2008, Rutgers, Social Work. Winner of Dean's Prize for Best Ph.D. Dissertation, "Adult Medicaid Beneficiaries with Developmental Disabilities and Epilepsy: Profiles of Service Use and Costs,"

Timothy Lowe, 2006, Rutgers, Social Work. Winner of Dean's Prize for Best Ph.D. Dissertation, "The Effect of Resident Characteristics on Satisfaction with Life and Care in Skilled Nursing Facilities: A Hierarchical Model."

Lori Schlosser, 2003, Rutgers, Social Work. Winner of Dean's Prize for Best Ph.D. Dissertation, "Utilization of Ambulatory Mental Health Services by Elderly Medicare Beneficiaries Living in the Community".

DuWayne Battle, 2001, Rutgers, Social Work. Winner of Dean's Prize for Best Ph.D. Dissertation, "The Effects of Religion and Spirituality on Depressed Mood in Individuals Faced with Serious Illness or Bereavement".

Robert Kersting, 1994, Rutgers, Social Work. Winner of Dean's Prize for Best Ph.D. Dissertation, "Predictors of Nursing Home Utilization in the Longitudinal Survey on Aging: An Event History Analysis".

Nicholas Yphantides, 1991, UCSD School of Medicine: Samuel B. Hamburger Prize for Outstanding Independent Study Project (MD Thesis), "Health Care Needs of Sheltered and Unsheltered Homeless in San Diego".

Carol Jennings, 1988, UCSD School of Medicine: Samuel B. Hamburger Prize for Outstanding Independent Study Project (MD Thesis), "Health Status and Behaviors of Homeless Women."

Gary Darmstadt, 1988, UCSD School of Medicine: Ciba-Geigy Award for Outstanding Medical Student Project, "North County Child Abuse Prevention Project."

FUNDED RESEARCH

CENTER FOR EDUCATION AND RESEARCH ON MENTAL HEALTH THERAPEUTICS.
U18-HS-016097. Funded by the Agency for Healthcare Research and Quality in cooperation with the Food and Drug Administration, the Mental Health CERTs serves as a national resource on improving the safe and effective use of treatments for mental health problems. This Rutgers-led consortium, in partnership with the American Psychiatric Association, Columbia University, and other partners, has built an extensive research database for studying use and outcomes of psychotropic drugs across the range of health care settings including data on more than 50 million individuals, utilized to address a range of mental health treatment issues with an emphasis on children and the elderly. Educational initiatives include quality-improvement collaborations with state mental health and Medicaid agencies and development of national consensus guidelines for treatments. Through the national CERTs consortium, the mental health CERTs also works closely with federal and private agencies and

stakeholders including the FDA, Centers for Medicare and Medicaid Services, and AHRQ to examine and improve uses of psychotropic medications. \$4,000,000, 2006-2011.

MAJOR MENTAL DISORDERS AND HIV: HEALTH SERVICES USE. 2R01MH058984. Study of the impact of severe mental illness on HIV care. National Institute of Mental Health. \$1,046,000, 2000-2005. Competing renewal with expanded scope, \$1,998,000, 2006-2010.

GERIATRIC DEPRESSION AND ANTIDEPRESSANT USE. R01MH060831. Study of depression diagnosis, treatment and outcomes among the U.S. elderly, utilizing national data from multiple sources including the Medicare Current Beneficiary Survey, National Ambulatory Medical Care Survey, Medicaid and Medicare claims, private insurance files, and other surveys and datafiles. National Institute of Mental Health, \$596,299, 2000-2005. Competing renewal awarded in 2005 for 2005-2009 period, with expanded scope, \$1.7 million, 2005-2009.

DEPRESSION CARE AMONG ELDERLY NURSING HOME RESIDENTS. R01MH076206. Comprehensive investigation of depression identification and treatment for elderly residents, using a unique research database incorporating data on more than one million nursing home residents in eight states, merging clinical information from the Minimum Data Set (MDS); information on treatments, diagnoses and prescription drug use from Medicare and Medicaid claims; and facility information from the OSCAR database on facility characteristics. \$1.173 million, 2005-2009.

QUALITY OF CARE FOR DEPRESSION. Study of effects of patient, provider and coverage factors on quality of depression care across multiple lines of business in a large health plan. Horizon Blue Cross and Blue Shield of New Jersey, \$50,000, 2004-2006.

CONSUMER SATISFACTION MEASUREMENT IN NURSING HOMES. Development of instruments and procedures for a statewide system of resident satisfaction measurement in New Jersey nursing homes; implementation and analysis of a pilot consumer satisfaction survey. New Jersey Department of Health and Senior Services, \$495,000, 2000-2005. Continuation grant to test impact of satisfaction measurement, \$210,000, 2006-2007.

RUTGERS CENTER FOR HEALTH SERVICES RESEARCH DEVELOPMENT. Principal investigator/director for initiative funded under AHRQ's Building Research Infrastructure (BRIC) program. Agency for Healthcare Research and Quality, \$1.3 million, 2001-2007.

LONGITUDINAL STUDY OF POST-ACUTE MYOCARDIAL INFARCTION CARE. Collaborative study of use of β -blockers, statins, and other treatments following myocardial infarction. Horizon Blue Cross and Blue Shield of New Jersey, \$50,000, 2003-2005.

CENTER FOR HEALTH SERVICES RESEARCH ON PHARMACOTHERAPY, CHRONIC DISEASE MANAGEMENT, AND OUTCOMES. Rutgers University Academic Excellence Fund, \$145,000, 2004-2006.

STATE PHARMACY ASSISTANCE PROGRAMS: STATE OF THE ART AND IMPLICATIONS FOR NATIONAL HEALTH POLICY. Analysis of program design, eligibility policy, benefit uptake, cost, utilization review procedures, and other aspects of state pharmacy assistance programs for the elderly, and implications for federal policy alternatives such as addition of prescription drug coverage to Medicare. The Commonwealth Fund, \$373,063, 2000-2006.

CENTER FOR HEALTHCARE KNOWLEDGE MANAGEMENT. Rutgers component of VA Research Area Enhancement Program (REAP), in collaboration with VA New Jersey Healthcare System. \$116,000/year, 2003-2008.

STATE APPROACHES TO ADDRESSING PHARMACEUTICAL COSTS FOR THE ELDERLY. Case studies providing a comparison of alternative approaches taken by four states to pharmaceutical costs for the elderly and disabled, such as direct benefits, requirements for discounts, or insurance subsidies. AARP, \$45,000, 2000-2001.

IMPACT OF BUDGET PRESSURES ON STATE PHARMACY ASSISTANCE PROGRAMS. Study of changes in pharmacy assistance programs resulting from state budget reductions and other budgetary pressures. Kaiser Family Foundation, \$75,000, 2002-2004.

CONSUMER SATISFACTION IN ASSISTED LIVING. Development and testing of resident and family member assessment instruments for assisted living facilities. New Jersey Department of Health and Senior Services, \$300,000, 2001-2004.

CONSUMER SATISFACTION SURVEY FOR MAINE NURSING FACILITIES. Survey to identify quality issues in Maine nursing facilities, using Rutgers Consumer Satisfaction (RSAT) instrument. Maine Bureau of Elder and Adult Services/Market Decisions, \$60,000, 2002-2003.

CONSUMER SATISFACTION MEASUREMENT FOR FAMILY MEMBERS OF NURSING FACILITY RESIDENTS. Qualitative research, instrument development, and piloting for family member satisfaction instrument (RSAT-F). Massachusetts Office of Elder Affairs, 2002-2003, \$96,350.

GEOGRAPHIC, RACIAL AND ETHNIC VARIATIONS IN HIV RELATED SERVICES IN NEW JERSEY. Collaborative project developed with New Jersey Department of Health and Senior Services to develop small-area analyses of HIV health services utilization for use in community planning. DHHS Office of Minority Health/New Jersey Department of Health and Senior Services, \$183,000, 1999-2002.

HEALTH CARE, FUNCTION, AND QUALITY OF LIFE AMONG OLDER PERSONS WITH HIV. Support for analyses of New Jersey Medicaid and public-use HCSUS data, focusing on longitudinal analyses of age variations in health care use and other aspects of HIV disease in persons over 50. Administrative supplement to NIMH Center Grant from National Institute on Aging. \$360,000, 1999-2002.

DRUG TREATMENT AND CARE DURING PREGNANCY IN HIV+ WOMEN. Study of health services use patterns during pregnancy among HIV+ women on Medicaid in New Jersey; analyses of prenatal care and adherence to Public Health Service recommendations for prevention of vertical transmission of HIV. National Institute on Drug Abuse, \$412,000, 1998-2001.

EVALUATION OF OUTREACH TO ELDERLY INITIATIVE. Grotta Foundation, \$84,000, 2000-2001.

HEALTH CARE USE PATTERNS AMONG DRUG USERS WITH HIV/AIDS. Research on health care utilization, costs and outcomes in New Jersey, using statewide data from a research dataset created by merging AIDS Registry, Medicaid claims, Medicaid eligibility, vital statistics, and other administrative data systems. National Institute on Drug Abuse, \$388,000, 1997-2000.

DIAGNOSIS AND TREATMENT OF PSYCHIATRIC DISORDERS AMONG THE ELDERLY. PI of component study of Center on Organization and Financing of Care for the Severely Mentally Ill. National Institute of Mental Health, 1999-2002. Funding for 2000-2001 approx. \$27,000.

MENTAL HEALTH CARE UTILIZATION AND COSTS FOR MEDICAID BENEFICIARIES WITH SCHIZOPHRENIA. PI of component study of Center on Organization and Financing of Care for the Severely Mentally Ill. National Institute of Mental Health, 1999-2002; funding for 2000-2001 approx. \$25,000.

ASSESSING AND IMPROVING QUALITY OF CARE FOR NURSING HOME RESIDENTS WITH MENTAL ILLNESS. PI of component study of Center on Organization and Financing of Care for the Severely Mentally Ill, utilizing MDS and Medicaid data to address issues of diagnosis and treatment of depression, diagnosis and treatment of pain, use of special care units, and file linkage for nursing home residents. National Institute of Mental Health, 1999-2004; study funding for 1999-2000 approx. \$43,000.

FINANCIAL BURDEN OF OUT-OF-POCKET COSTS FOR THE ELDERLY. Estimates of the burden of out-of-pocket costs among the elderly in relation to income; analysis of predictors of experiencing financially burdensome costs. Agency for Health Care Policy and Research, \$78,500, 1997-99.

PRIVATE HEALTH INSURANCE: COVERAGE CHANGES, IMPACT ON MIDLIFE AND OLDER PERSONS, AND POLICY IMPLICATIONS. Analysis of variations in health insurance coverage and plan choice among midlife and elderly individuals. AARP Andrus Foundation, \$75,000, 1996-1999.

LONG-TERM CARE IN HIV DISEASE. Analysis of long-term care service delivery and utilization patterns in New Jersey, as part of a national analysis of HIV long-term care issues. Assistant Secretary for Planning and Evaluation and Mathematica Policy Research, \$130,000, 1996-1998.

OUT OF POCKET HEALTH CARE EXPENDITURES OF THE ELDERLY. Research on out-of-pocket health care costs in relation to supplemental insurance coverage, managed care participation,

health status, and other characteristics, using Medicare Current Beneficiary Survey. National Institute on Aging, \$77,930, 1997-1999.

GENDER DIFFERENCES IN PENSION WEALTH AT MIDLIFE. Analyses utilizing Health and Retirement Survey. U.S. Department of Labor. \$20,000, 1996-98.

IMPACT OF CHANGING LABOR MARKET CONDITIONS ON ECONOMIC WELL-BEING IN LATER LIFE. Research on the effects of labor market changes of the 1970s and 1980s on the income and assets of successive cohorts of older individuals. AARP Public Policy Institute. \$40,000, 1996-1997.

HEALTH CARE COSTS AND UTILIZATION IN AIDS HOME CARE. Competitive renewal grant for research on health care utilization in New Jersey among persons with HIV disease and its relationship to participation in a case-managed Medicaid waiver program. Agency for Health Care Policy and Research. \$775,822, 1994-1997.

LATER-LIFE ECONOMIC OUTCOMES IN LONGITUDINAL PERSPECTIVE. Research on later-life changes in income, assets, health status, living arrangements, and other domains; impact of the onset of functional impairment and widowhood; and the role of retirement income policies in shaping outcomes for individuals (Shannon Grant). National Institute on Aging. \$100,000, 1994-1996.

SOCIAL SUPPORT AND HEALTH SERVICES UTILIZATION AMONG OLDER PERSONS WITH HIV DISEASE. Research on age differences in the course of illness and in informal and formal care provision among persons with HIV disease. National Institute on Aging. \$75,000. 1994-96.

EMPLOYER-PROVIDED HEALTH BENEFITS AMONG MIDDLE-AGED AMERICANS: COVERAGE PATTERNS AND TRANSITIONS. Analysis of the correlates of insured or noninsured status, coverage transitions, choice of plan type, and relationship to health services utilization in Waves I and II of the Health and Retirement Survey. U.S. Department of Labor, \$15,000, 1995-96.

FAMILY SUPPORT DYNAMICS IN HIV ILLNESS. Study of family support and caregiving patterns over time and their impact on mental health outcomes. National Institute of Mental Health. \$339,627, 1993-1996. Supplemental grant for work on gender differences in family support, awarded September 1994, \$50,000. 1994-96.

HEALTH INSURANCE COVERAGE, CHOICE OF PLAN, AND OUT OF POCKET HEALTH CARE EXPENDITURES IN THE HEALTH AND RETIREMENT SURVEY, WAVE 2. "Mini-grant" for preparation of a paper for HRS-2 Early Results Workshop. University of Michigan Survey Research Center, \$2,500, 1995.

DEVELOPING ASSISTED LIVING ALTERNATIVES FOR THE ELDERLY. Research on implementation of assisted living programs in subsidized housing for the elderly. Administration on Aging. \$80,000, 1994-96.

HOME AND COMMUNITY-BASED CARE OF MEDICALLY FRAGILE CHILDREN. Evaluation of statewide program for chronically ill children. New Jersey Division of Youth and Family Services. Awarded summer 1994. \$98,752, 1994-95.

HEALTH CARE UTILIZATION AND COSTS IN AIDS HOME CARE. Longitudinal study of formal and informal care utilization in a cohort of persons with HIV disease enrolled in a Medicaid

home and community-based waiver program. Agency for Health Care Policy and Research. \$1,565,000, 1989-1993.

HEALTH-RELATED CHARACTERISTICS OF NEW BRUNSWICK'S ELDERLY. Survey and needs assessment of the elderly population in New Brunswick, NJ, and recommendations for program development. New Brunswick Tomorrow and the Fund for New Jersey. \$45,000, 1992-1993.

THE ECONOMIC WELL-BEING OF THE ELDERLY. Research on the economics of aging and the relationship between economic well-being and health status; policy analysis on old-age benefits. Smith Richardson Foundation. \$120,000, 1990-1994.

MEDICAID HOME AND COMMUNITY BASED SERVICES WAIVER: MODEL WAIVER II. Evaluation of Medicaid waiver program. New Jersey Department of Human Services. \$49,723, 1992.

ECONOMIC RESOURCES OF THE ELDERLY: DISTRIBUTION AND POLICY IMPLICATIONS. Research on the relationship between health status and economic status among the elderly and on distributional implications of current income and health policies for the aged. AARP Andrus Foundation. \$50,000. 1990-1991.

RESPIRE CARE EVALUATION. Evaluation of statewide program for respite care of the elderly in New Jersey. New Jersey Department of Human Services and U.S. Health Care Financing Administration. \$487,000, 1989-1992.

EVALUATION -- COMMUNITY CARE PROGRAM FOR THE ELDERLY AND DISABLED. Program evaluation of New Jersey's major home care program for personal care services for the functionally impaired elderly and disabled. New Jersey Department of Human Services. \$157,000. 1990-1991.

POLICY RESEARCH ON DEVELOPMENTAL DISABILITY SERVICES. Survey of developmentally disabled clients, analysis of state policies and programs. New Jersey Department of Human Services: \$290,000. 1989-1990.

EVALUATION OF AIDS COMMUNITY CARE ALTERNATIVES PROGRAM. Evaluation of New Jersey's HIV-specific Medicaid waiver program, and Model Waiver III program for disabled adults and children. New Jersey Department of Human Services. \$97,000. 1988-1989.

HEALTH CARE NEEDS, HEALTH SERVICES UTILIZATION, AND COPING STRATEGIES OF PERSONS WITH AIDS. Statewide study of persons with AIDS focusing on utilization of formal and informal care, social supports and social networks, coping processes, health services needs and utilization, living arrangements, social history, economic resources, and mental health. New Jersey Department of Health. \$265,000. 1988-1990.

EVALUATION OF AIDS CONTACT NOTIFICATION PROGRAMS. Research on policies and programs for prevention of AIDS. New Jersey Department of Health. \$100,000. 1988-1989.

AIDS-RELATED KNOWLEDGE, ATTITUDES, AND BEHAVIORS OF NON-SCHOOL-ATTENDING INNER-CITY YOUTH. Survey of youth in Newark and Paterson, New Jersey. Robert Wood Johnson Foundation and New Jersey Department of Health. \$154,000, 1988-1989.

STRATEGIES AND ALTERNATIVES FOR EFFECTIVE RISK REDUCTION IN SEXUAL PARTNERS OF INTRAVENOUS DRUG USERS. Research on knowledge, attitudes, behavior, and

decisionmaking processes concerning sexual health and AIDS risk among sexual partners of IVDUs. New Jersey Department of Health and National Institute on Drug Abuse. \$317,000. 1988-1989.

ANALYSIS OF AIDS-RELATED SERVICES IN SAN DIEGO. Pilot grant. UCSD Academic Senate: \$5,300. 1986.

PUBLIC POLICY RESPONSES TO HOMELESSNESS. Research on housing and welfare policies and their relationship to homelessness in New York City and San Diego. Smith Richardson Foundation and other foundations. \$115,500. 1986-1992.