

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Mendel E. Singer		Assistant Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Rutgers College, Rutgers Univ, New Brunswick, NJ	BA	1981	Mathematics
Case Western Reserve University, Cleveland, OH	MS	1984	Operation Research
Case Western Reserve University, Cleveland, OH	PhD	1991	Operation Research

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

POSITIONS AND EMPLOYMENT

1980 - 1981 Computer Programmer, AT&T Long Lines (under contract), Bedminster, New Jersey
 1982 - 1985 Teaching Assistant, Statistics and Operations Research (50% FTE), Case Western Reserve University, Cleveland, Ohio
 1985 - 1986 Instructor (33% FTE), Statistics, Quantitative Business Analysis Department, Cleveland State
 1986 - 1988 Visiting Instructor, various statistics courses, Quantitative Business Analysis Department,
 1988 - 1990 Vice President, Software Development, Mitsuyan Inc., Cleveland Heights, Ohio
 1990 - 1992 Independent Consultant, software development and statistical consulting, Cleveland Heights, Ohio
 1992 - 1995 Vice President of Systems and Technology, Software for Long Term Care, Threshold Data
 1995 - 1997 Senior Instructor of Health Services Research, Department of Epidemiology and Biostatistics, Case Western Reserve University School of Medicine, Cleveland, Ohio
 1997 - Present Assistant Professor of Health Services Research, Department of Epidemiology and Biostatistics,
 Case Western Reserve University School of Medicine, Cleveland, Ohio
 2002 – Present Research Scientist, Center for Quality Improvement Research, Cleveland Dept. of Veterans Affairs Medical Center, Cleveland, Ohio

HONORS

1981 Graduated (B.A.) Magna Cum Laude
 1982 - 1984 Omega Rho International Honor Society

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

1. Wilson JG, **Singer ME**. On the Use of the Odds Ratio as a Dependent Variable in Certain Binary Choice Models. *Akron Business and Economic Review*. 1991;22;194-202.
2. Wilson JG, **Singer ME**. Modeling Survey Response Data and Determining the Optimal Number of Questionnaires. *Decision Sciences*. 1991;22;898-910.
3. **Singer ME**, Cebul RD. BRCA1: To Test or Not to Test, That is the Question. *Health Matrix*. 1997;7:163-185.

4. Sehgal AR, Snow RJ, **Singer ME**, Amini SB, DeOreo PB, Silver MR, Cebul RD. Barriers to Adequate Delivery of Hemodialysis. *American Journal of Kidney Diseases*. 1998;31(4):1-10.
5. O'Connor JFB, Imperiale TF, **Singer ME**. Cost-effectiveness of Hepatitis A Vaccine (letter). *Hepatology*. 1999;30(1):343-5.
6. O'Connor JFB, **Singer ME**, Richter JE. The cost-effectiveness of strategies to assess gastroesophageal reflux as an exacerbating factor in asthma. *Am J Gastroenterol*. 1999; 94(6):1472-80.
7. O'Connor JFB, Imperiale TF, **Singer ME**. Cost-effectiveness analysis of Hepatitis A Vaccination strategies for Adults. *Hepatology*. 1999;30(4):1077-81.
8. Murray PK, **Singer ME**, Fortinsky RA, Russo L, Cebul RD. Rapid growth of rehabilitation services in traditional community based nursing homes . *Arch Phys Med Rehabil*. 1999;80:372-378.
9. Younossi ZM, **Singer ME**, McHutchison JG, Shermock K. Cost-Effectiveness of interferon- α 2b Combined with Ribavirin for the Treatment of Chronic Hepatitis C. *Hepatology* 1999;30:1318-1324.
10. Payne SM, Cebul RD, **Singer ME**, Krishnaswamy J, Gharrity K. Comparison of prior utilization and diagnoses as risk adjustors for Medicaid disabled managed care plans. *Medical Care*. 2000;38(4):422-32.
11. Applegate KE, **Singer ME**. Cost analysis of the treatment of vesicoureteral reflux: A computer model (Editorial comment). *J Urology*. 2000;163:566-567.
12. Miller L-AN, **Singer ME**. Benefit of prophylactic mastectomy for women with BRCA1 or BRCA2 mutations (letter). *JAMA*. 2000;283:3070-2.
13. Cebul RD, Solti I, Gordon NH, **Singer ME**, Payne SMC, Gharrity KA. Managed Care for the Medicaid Disabled: Effect on Utilization and Costs. *Journal of Urban Health*. 2000;77(4):603-624.
14. **Singer ME**, Younossi ZM. Cost-Effectiveness of screening for Hepatitis C Virus in Asymptomatic, Average Risk Adults: Has the Time Come? *Am J Med*. 2001;111:614-621.
15. **Singer ME**, Applegate KE. Cost-Effectiveness Analysis in Radiology. *Radiology*. 2001;219:611-620.
16. Sandhaus LM, **Singer ME**, Dawson NV, Wiesner GL. Reporting BRCA test results to primary care physicians. *Genetics in Medicine*. 2001;3(5):327-334.
17. Sehgal AR, Leon JB, Siminoff LA, **Singer ME**, Bunosky LM, Cebul RD. Improving the quality of hemodialysis treatment: a community-based randomized controlled trial to overcome patient-specific barriers. *JAMA*. 2002;287(15):1961-7.
18. O'Connor JB, **Singer ME**, Imperiale TF, Vaezi MF, Richter JE. The cost-effectiveness of treatment strategies for Achalasia. *Dig Dis Sci*. 2002;47(7):1516-1525.
19. Mion LC, Palmer RM, Meldon SW, Bass DM, **Singer ME**, Payne SMC, Lewicki LJ, Drew BL, Connor JT, Campbell JW, Emerman C. Case-finding and referral model for emergency department elders: a randomized clinical trial. *Annals of Emergency Medicine*. Accepted.
20. Anon J, Jacobs MR, Poole MD, **Singer ME**. First-line vs. second-line antibiotics for treatment of sinusitis (letter). *JAMA*. 2002;287(11):1395-6.

C. Research Support. List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and responsibilities of principal investigator identified above.

ONGOING RESEARCH SUPPORT

R01 Whitehouse (PI)

10/1/01 - 9/30/06

National Institute on Aging

Medical Goals in Dementia: Ethics and Quality of Life.

Study of the quality of life of Alzheimer's patients, and the issues and conflicts involved in medical decision making as the disease progresses.

Role: Co-Investigator

COMPLETED RESEARCH SUPPORT

IRG – 91-022-06 Singer (PI)

12/1/99 – 4/30/01

American Cancer Society, via Ireland Cancer Center Institutional Research Grant

BRCA: Who Gets Tested and Why

The major goal of this study was to examine why women who present for genetic counseling choose to be tested or not to be tested for BRCA mutations.

Role: PI

Grant # Cuttler (PI)

4/1/00 – 3/31/02

MEDTAPP (Ohio Department of Human Services)

Assessment of Medical Needs and Treatment Options for Individuals with Prader-Willi Syndrome.

The purpose of this study was to document the needs and actual health care utilization and cost associated with Prader-Willi Syndrome patients enrolled in Ohio Medicaid.

Role: Co-Investigator

Grant # Baker (PI)

1/1/00 - 3/30/02

American Heart Association

Screening for Asymptomatic Left Ventricular Dysfunction.

Role: Co-Investigator

R01 Sehgal (PI)

7/1/98 – 12/31/01

NIH/NIDDK

Overcoming Barriers to Adequate Delivery of Hemodialysis.

This study was a randomized controlled trial to examine the benefit of an individualized program to overcome barriers to adequate dialysis.

PI: Ashwini Sehgal, M.D.

HS09725 Mion (PI)

6/1/99 - 5/31/01

AHCPR (now AHRQ)

Effect of Nursing-Based Interventions in 2 EDs.

The major goal of this study was to examine if a nursing-based intervention for elderly patients presenting in the emergency department could improve the patient's quality of life and access to needed home health services, as well as reduce future utilization of emergency health services.

Role: Subcontract PI