

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Steven J. Jacobsen	POSITION TITLE		
eRA COMMONS USER NAME sjjacobsen	Epidemiologist		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Wisconsin, Whitewater, WI	B.S.	1983	Biology
Medical College of Wisconsin, Milwaukee, WI	M.S.	1988	Biostatistics
University of Illinois at Chicago, Chicago, IL	Ph.D.	1990	Epidemiology
Medical College of Wisconsin, Milwaukee, WI	M.D.	1991	Medicine

A. POSITIONS AND HONORS

Positions and Employment

- 1986-1990 **Research Associate**, Division of Biostatistics/Clinical Epidemiology, Medical College of Wisconsin, Milwaukee, WI
- 1990-1991 **Adjunct Assistant Professor**, Division of Biostatistics/Clinical Epidemiology, Medical College of Wisconsin, Milwaukee, WI
- 1991-1993 **Senior Associate Consultant**, Section of Clinical Epidemiology, Department of Health Sciences Research, Mayo Clinic and Foundation, Rochester, MN
- 1992-1994 **Assistant Professor of Epidemiology**, Mayo Clinic College of Medicine, Rochester, MN
- 1995-1998 **Associate Professor of Epidemiology**, Mayo Clinic College of Medicine, Rochester, MN
- 1993-2002 **Consultant and Head, Section of Clinical Epidemiology**, Department of Health Sciences Research, Mayo Clinic and Foundation, Rochester, MN
- 1998-2006 **Professor of Epidemiology**, Mayo Clinic College of Medicine, Rochester, MN
- 2002-2006 **Consultant and Chair, Division of Epidemiology**, Department of Health Sciences Research, Mayo Clinic College of Medicine, Rochester, MN
- 2006-present **Director of Research**, Research and Evaluation, Southern California Permanente Medical Group, Pasadena, CA

Honors and Memberships

- 1983 Graduated Summa cum laude, University of Wisconsin—Whitewater
- 1986 Thomas Hale Ham Award for New Investigators, Association of American Medical Colleges
- 1987-present Society for Epidemiologic Research
- 1987-present American Public Health Association
- 1990-present American College of Epidemiology
- 1992 Sigma Xi, Mayo Chapter
- 1993-present American Urological Association
- 1995-1997 Epidemiology and Disease Control Study Section, Center for Scientific Review, National Institutes of Health temporary member
- 1997 Fellow, American College of Epidemiology
- 1997-2001 Epidemiology and Disease Control Study Section, Center for Scientific Review, National Institutes of Health charter member
- 1997-present Editorial Boards: American Journal of Epidemiology
- 1998 Elected Member, American Epidemiological Society
- 1998-2001 Editorial Boards: Mayo Clinic Proceedings
- 2000-present Editorial Boards: Clinical Prostate Cancer
- 2003-2005 Epidemiology and Disease Control Study Section, Center for Scientific Review, National Institutes of Health temporary member

B. Selected peer-reviewed publications (in chronological order) (selected from 343 published or in press, 71 from 2006-present)

1. St Sauver JL, Jacobson DJ, McGree ME, Lieber MM, **Jacobsen SJ**. Protective association between nonsteroidal antiinflammatory drug use and measures of benign prostatic hyperplasia. *Am J Epidemiol*. 2006;164:760-768.
2. Roberts RO, Bergstralh EJ, Farmer SA, Jacobson DJ, Hebring SJ, Cunningham JM, Thibodeau SN, Lieber MM, **Jacobsen SJ**. Polymorphisms in genes involved in sex hormone metabolism may increase risk of benign prostatic hyperplasia. *Prostate*. 2006;66:392-404.
3. Bursi F, Weston SA, Redfield MM, **Jacobsen SJ**, Pakhomov S, Nkomo VT, Meverden RA, Roger VL. Systolic and diastolic heart failure in the community. *JAMA*. 2006;8;296:2209-2216.
4. Pakhomov S, Hemingway H, Weston S, **Jacobsen S**, Rodeheffer R, Roger V. Epidemiology of angina pectoris: role of natural language processing of the medical record. *Am Heart J*. 2007;4:666-673.
5. Burke JP, Jacobson DJ, McGree ME, Nehra A, Roberts RO, Girman CJ, Lieber MM, **Jacobsen SJ**. Diabetes and sexual dysfunction: results from the Olmsted county study of urinary symptoms and health status among men. *J Urol*. 2007;177:1438-1442.
6. Ammar KA, **Jacobsen SJ**, Kors JA, Redfield MM, Burnett JC Jr, Rodeheffer RJ. The prevalence and prognostic significance of heart failure staging in the community. *Circulation*. 2007;115:1563-1570.
7. Cunningham JM, Hebring SJ, McDonnell SK, Cicek MS, Christensen GB, Wang L, **Jacobsen SJ**, Cerhan JR, Blute ML, Schaid DJ, Thibodeau SN. Evaluation of genetic variations in the androgen and estrogen metabolic pathways as risk factors for sporadic and familial prostate cancer. *Cancer Epidemiol Biomarkers Prev*. 2007;16:969-978.
8. Bursi F, Weston SA, Killian JM, Gabriel SE, **Jacobsen SJ**, Roger VL. C-reactive protein and heart failure after myocardial infarction in the community. *Am J Med*. 2007;120:616-622.
9. Wang L, McDonnell SK, Slusser JP, Hebring SJ, Cunningham JM, **Jacobsen SJ**, Cerhan JR, Blute ML, Schaid DJ, Thibodeau SN. Two common chromosome 8q24 variants are associated with increased risk for prostate cancer. *Cancer Res*. 2007;67:2944-2950.
10. Pakhomov SS, Hemingway H, Weston SA, **Jacobsen SJ**, Rodeheffer R, Roger VL. Epidemiology of angina pectoris: role of natural language processing of the medical record. *Am Heart J*. 2007;153:666-673.
11. Barbaresi WJ, Katusic SK, Colligan RC, Weaver AL, **Jacobsen SJ**. Long-term school outcomes for children with attention-deficit/hyperactivity disorder: a population-based perspective. *J Dev Behav Pediatr*. 2007;28:265-273.
12. Barbaresi WJ, Katusic SK, Colligan RC, Weaver AL, **Jacobsen SJ**. Modifiers of long-term school outcomes for children with attention-deficit/hyperactivity disorder: does treatment with stimulant medication make a difference? Results from a population-based study. *J Dev Behav Pediatr*. 2007;28:274-287.
13. Flick E, Habel L, Chan K, Van Den Eeden S, Quinn V, Haque R, Orav E, Seeger J, Sadler M, Quesenberry C, Sternfeld B, **Jacobsen S**, Whitmer R, Caan B. Statin use and risk of prostate cancer in the California men's health study cohort. *Cancer Epidemiol Biomarkers Prev*. 2007;16:2218-2225.
14. Bergstralh EJ, Roberts RR, Farmer SA, Slezak JM, Lieber MM, **Jacobsen SJ**. Population-based case-control study of PSA and DRE screening on prostate cancer mortality. *J Urol*. 2007;70:936-941.
15. McGee R, Almquist J, Keller JL, **Jacobsen SJ**. Teaching and learning responsible research conduct: influences of prior experiences on acceptance of new ideas. *Accountability in Research*. 2008;15:1-33.
16. Sarma AV, Burke JP, Jacobson DJ, McGree ME, St. Sauver JL, Girman CJ, Lieber MM, Herman W, Macoska J, Montie JE, **Jacobsen SJ**. Associations between diabetes and clinical markers of BPH among community-dwelling blacks and white men: The Olmsted County Study Of Urinary Symptoms And Health Status And The Flint Men's Health Study. *Diabetes Care*. 2008;31:476-482.
17. Hanak V, Jacobson DJ, McGree ME, St Sauver JL, Lieber MM, Olson E, Somers V, **Jacobsen SJ**. Snoring as a risk factor for sexual dysfunction in community men. *J Sex Med*. 2008;5:898-908.
18. St. Sauver JL, Jacobson DJ, McGree ME, Girman CJ, Lieber MM, **Jacobsen SJ**. Longitudinal association between prostatitis and development of benign prostatic hyperplasia. *Urology*. 2008;7:475-479.
19. Pakhomov SVS, **Jacobsen SJ**, Chute CG, Roger VL. Agreement between patient-reported symptoms and their documentation in the medical record. *Am J Managed Care*. 2008;14:530-539.
20. **Jacobsen SJ**, Cheetham TC, Haque R, Shi JM, Loo RK. Population-based Study of Hip Fracture and 5-alpha Reductase Inhibition. *JAMA*. 2008;300:1660-1664.

C. CURRENT RESEARCH SUPPORT

Beckman Coulter (Jacobsen) 9/08-10/09
Economic Evaluation of the Impact of Prostate Disease Biomarkers on Treatment Patterns in a Managed Care Setting

The goal of this study is to develop a comprehensive picture of the screening, diagnosis and management of prostate cancer in Kaiser Permanente Southern California (KPSC) managed care setting and to develop a cost-effectiveness model to determine the potential value of a new screening assay.

Role: PI

200-2002-00732 (Jacobsen) 10/07-9/12
CDC
Vaccine Safety Datalink

The VSD is a multi-site study of vaccine safety in a network of managed care organizations from across the US. It performs studies designed to test hypotheses that may emerge from national policy groups (e.g. ACIP), clinicians, Vaccine Adverse Event Reporting System, and others using a variety of study design methods. VSD data are also used to generate hypotheses, primarily through a rapid cycle analysis mechanism.

Role: PI

EPI08014.036.02 (Chao) 02/2008-12/08
Merck Resesarch Labs
The uptake of Gardasil.

The goals of this project are to investigate demographic, provider-related, health service utilization, and medical history factors associated with the uptake of the newly approved HPV vaccine in young females using electronic medical databases.

Role: Co-Investigator

Prof #020-00 (Jacobsen) 06/06-05/09
Merck Resesarch Labs
ProQuad® Post-Licensure Safety Study

The goals of this study are to evaluate the short-term safety of ProQuad in a cohort of 25,000 children receiving this vaccine.

Role: PI

Prof #031-00 (Jacobsen) 04/07-03/09
Merck Resesarch Labs
Gardasil® Post-Licensure Safety Study

The goals of this study are to evaluate the short-term safety of Gardasil in a cohort of 22,000 girls and young women receiving three doses of this vaccine.

Role: PI

R01 DK058859 02/06-01/11 (6-10)
NIH
Natural History of Prostatism. The Olmsted County Study.

This application is for the continued followup (years 11-14) of the men enrolled in the Olmsted County Study of Urinary Symptoms and Health Status among Men. The aims of this study are: to estimate the longitudinal changes in lower urinary tract symptom severity, peak urinary flow rate, prostate volume and serum PSA level; to estimate how these measures track longitudinally; and to estimate the long term incidence of complications of benign prostatic hyperplasia.

Role: Co-Investigator

RRC (Ackerson) 02/07-02/08
Southern California Kaiser Permanente RRC
Parental Report of Febrile Convulsion
Role: Co-Investigator

The goals of this study are to evaluate the comparability of information about a child's febrile convulsion, from parental report by questionnaire, parental report by phone interview and medical record review.

R01 DK078106 (Kalantar-Zadeh) 10/07-05/12
NIH
Paradoxes in Chronic Kidney Disease

The goals of this study are to investigate the seemingly inverse effect of traditional cardiovascular disease risk factors among patients with chronic kidney disease.

Role: Co-Investigator

R01 HL059205 (VL Roger) 07/07-06/12
NIH
Coronary Disease Morbidity and Mortality in a Population

The major goals of this project are to assess recent secular trends in the incidence and natural history/clinical course of coronary artery disease in Olmsted County, Minnesota

Role: Consultant

R01 HL072435 (VL Roger) 12/02-11/07 (1-5)
NIH
Heart Failure in the Community

The major goals of this study are to determine the incidence of heart failure in the community, overall and by etiology, through active surveillance of persons seen in the out- or in-patient setting.

Role: Consultant

There is no overlap between any of these projects and the proposed research.

***Co-Investigator on all grants not designated as PI**