

COLLEGE OF PUBLIC HEALTH CURRICULUM VITAE

Michael P. Jones

September 8, 2006

I. EDUCATIONAL AND PROFESSIONAL HISTORY

A. Education (least to most recent)

(includes undergraduate, graduate, and postgraduate education)

<u>Institution</u>	<u>Dates Attended</u>	<u>Field of Study</u>	<u>Degree Obtained</u>	<u>Degree Date</u>
University of Southern California Los Angeles, CA	1968-1972	Mathematics	B.A.	1972
University of California- Los Angeles Los Angeles, CA	1972-1975	Mathematics	M.A.	1975
University of Washington Department of Biostatistics Seattle, WA	1980-82 1985-86	Cancer-Epi Traineeship		
University of Washington Seattle, WA	1979-1986	Biomathematics	Ph.D.	1986

Certification/Licensure

None

B. Professional and Academic Positions

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
<u>Academic Positions</u>		
Instructor	1976-79	University of Southern California Biometry Division Los Angeles, CA
Visiting Research Associate	1983-84	Radiation Effects Research Foundation Dept. of Epidemiology and Statistics Hiroshima, Japan

Assistant Professor	1986-91	Dept. of Preventive Medicine & Environmental Health The University of Iowa Iowa City, IA
Associate Professor	1991-99	Dept. of Preventive Medicine & Environmental Health College of Medicine The University of Iowa Iowa City, IA
Associate Professor	1991-2000	Dept. of Statistics and Actuarial Science College of Liberal Arts The University of Iowa Iowa City, IA
Visiting Professor	1995-1996	Department of Statistics, Oxford University, Oxford, U.K.
Associate Professor	1999-2000	Dept. of Biostatistics College of Public Health (estab. 1999) The University of Iowa Iowa City, IA
Janssen Research Foundation Chair in Survival Analysis	May-June, 2000	Center for Statistics Limburgs Universitair Centrum Diepenbeek, Belgium
Professor	2000-	Department of Biostatistics College of Public Health The University of Iowa Iowa City, Iowa
Professor (secondary)	2000-	Dept. of Statistics and Actuarial Science College of Liberal Arts The University of Iowa Iowa City, Iowa
Professor (secondary)	2003-6	Program in Public Health Genetics College of Public Health The University of Iowa Iowa City, Iowa

Employment Pertaining to Current Professional Appointment

Self-employed as Math Tutor	1973-74	UCLA Los Angeles, CA
Computer Programmer	1974-75	Pacific State Hospital Los Angeles, CA
Statistician/Programmer	1975-79	Environmental Health Service Rancho Los Amigos Hospital Downey, CA
Research Assistant	1979-80	Fred Hutchinson Cancer Research Center, Seattle, WA
Teaching Assistant	1981	University of Washington Department of Statistics Seattle, WA

C. Honors, Awards, Recognitions, Outstanding Achievements (least to most recent)

<u>Year</u>	<u>Title</u>
1972	Pi Mu Epsilon National Mathematics Honorary Fraternity
1986	First Prize – Biometrics (WNAR) 1986 student paper competition
1989	Vera Wenger Award for travel funds to present two invited lectures at Stefan Banach International Mathematical Center in Warsaw, Poland
2003	Faculty Teaching Award, College of Public Health

II. TEACHING AT THE UNIVERSITY OF IOWA

A. Teaching Assignments on semester-by-semester basis (least to most recent) (*classroom, seminar, teaching lab*)

<u>Semester, Year</u>	<u>Course Title/ Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
1986	Survival Data Analysis (63:261)	3	12	Instructor	100%

1987	Introduction to Biostatistics (63:161)	3	21	Instructor	100%
1987	Experimental Design & Analysis (63:162)	3	9	Instructor	100%
1987	Biostatistical Methods in Epidemiology Seminar (63:171)	1	3	Instructor	50%
1988	Survival Data Analysis (63:261)	3	12	Instructor	100%
1989	Experimental Design & Analysis (63:162)	3	29	Instructor	100%
1989	Introduction to Biostatistics (63:161)	3	41	Instructor	100%
1990	Statistical Methods in Epidemiology II (63:242)	3	13	Instructor	100%
1990	Independent Study on Survival Analysis (63:172)	3	1	Instructor	100%
1990	Biostatistical Methods (63:176)	4	17	Instructor	75%
1990	Independent Study on Cohort Data Analysis (63:172)	1	1	Instructor	100%
1991	Statistical Methods in Epidemiology II (63:242)	3	10	Instructor	100%
1991	Special Problems: Cohort Data Analysis (63:171)	1	5	Instructor	100%
1991	Survival Data Analysis (63:261)	3	8	Instructor	100%
1992	Special Problems: Survival Data Analysis (63:171)	3	1	Instructor	100%
1992	Theory of Biostatistics I (63:221)	4	7	Instructor	100%
1993	Survival Data Analysis (63:261)	3	14	Instructor	100%
1994	Theory of Biostatistics I (63:221)	4	10	Instructor	100%
1995	Theory of Biostatistics II (63:222)	4	10	Instructor	100%
1996	Theory of Biostatistics I (63:221)	4	6	Instructor	100%
1997	Theory of Biostatistics II (63:222)	4	5	Instructor	100%
1997	Biostatistical Methods I (63:176)	4	5	Instructor	100%

1998	Theory of Biostatistics I (63:221)	4	5	Instructor	100%
1999	Theory of Biostatistics II (63:222)	4	5	Instructor	100%
1999	Biostatistical Methods I (63:176)	4	13	Instructor	100%
2000	Theory of Biostatistics I 171:251	4	5	Instructor	100%
2001	Theory of Biostatistics II 171:252	4	4	Instructor	100%
2001	Survival Data Analysis 171:261	3	9	Instructor	100%
2002	Theory of Biostatistics I 171:251	4	14	Instructor	100%
2003	Statistical Methods in Epi II 171:242	3	10	Instructor	33%
2003	Theory of Biostatistics II 171:252	4	13	Instructor	100%
2003	Reading Research 22S:299	1	1	Instructor	100%
2003	Survival Data Analysis 171:261	3	20	Instructor	100%
2004	Design & Analysis of Biomedical Studies 171:162	3	56	Instructor	100%
2004	Theory of Biostatistics I 171:251	4	9	Instructor	100%
2005	Theory of Biostatistics II 171:252	4	9	Instructor	100%
2005	Survival Data Analysis 171:261	3	20	Instructor	100%
2006	Biostatistical Methods II 171:202	4	16	Instructor	100%
2006	Advanced Survival Analysis 171:271	3	6	Instructor	100%

B. Students Advised

Graduate Students
Name

Degree Objective

Outcome

Dissertations/Thesis

Masters (Committee Member)

Shen-Yu Lin, "Resistive Trunk Exercise Intervention and Bone Mineral Density in Post Menopausal Women," Department of Physical Therapy, completed April 1989

Stephen J. Loupee, "Surface EMG Amplitude and Fatigue during Continuous and Intermittent Submaximal Tasks," Department of Physical Therapy, completed December 1989

Doctoral (Committee Member)

Steven Hillis, "Two-sample Robust M-Estimation with Censored Data," Department of Statistics, completed May 1987

Mounira Hussein, "On Increasing the Precision of Finite Population Estimates Using Auxiliary Variables," Department of Preventive Medicine (Biostatistics), completed December 1988

Motomi Mori, "Analysis of Incomplete Longitudinal Data in the Presence of Informative Rightensoring," Department of Preventive Medicine (Biostatistics), completed August 1989

Brenda Booth, "Tests of Homogeneity in Analysis of Times to Multiple Events," Department of Preventive Medicine (Biostatistics), completed December 1990

Kennith Culp, "Predictors of Survival Among Patients with End Stage Renal Disease," Department of Preventive Medicine (Epidemiology), completed December 1992

Michele Finn, "Obesity and Survival from Renal Cell Carcinoma," Department of Preventive Medicine (Epidemiology), completed December 1993

Shen Jang Fann, "Partition the differences between female to male map distance in human gene mapping," Department of Preventive Medicine (Biostatistics), completed December 1993

Kevin M. Andrews, "The Effects of Scaling Design and Scaling Method on the Primary Score Scale Associated with a Multi-Level Achievement Test," College of Education, completed August 1994

Huibin Yue, "Gibb's Sampling and Correlated Survival Data," Department of Statistics, completed August 1994

Peter Weyer, "Municipal Drinking Water Nitrate Level and Risk of Non-Hodgkin Lymphoma, Colon Cancer and GI Tract Cancers: Iowa Women's Health Study," Department of Preventive Medicine (Environmental Health), completed May 1998

Colin West, "An approach to longitudinal studies involving repeated categorical outcome variables with missing data," Department of Preventive Medicine (Biostatistics), completed December 1998

Susan Slager, "Linkage disequilibrium mapping of complex disorders: investigating statistical power to detect linkage," Department of Biostatistics, completed December 1999

Jong Sung Kim, "The proportional hazards model with arbitrarily interval censored data," Department of Statistics, completed December 1999

Henry Lester Kirchner, "Simultaneous estimation of intra- and pairwise inter-rater raters," Department of Biostatistics, completed December 1999

Sara Nichols, "Iterative logistic ridge regression", Department of Biostatistics, December 2000

Robin Wilson, "The role of primary care patterns in stage at diagnosis outcomes among American Indian cancer patients: New Mexico and Arizona, 1994-97, "Department of Epidemiology, December 2000

Deli Wang: "Robust estimation of a two-way semilinear model with applications to microarray data normalization and analysis"; Department of Biostatistics, May 2004

Justine Kolker, "The national treatment history of teeth restored with large amalgam or crown restorations: Factors associated with subsequent treatment, the timing of subsequent treatment and the costs associated with treatment selection", College of Dentistry, completed August 2003

Doctoral (Advisor)

Chi Kao, "Tests and estimation of treatment effect for interval-censored data," Department of Preventive Medicine (Biostatistics), completed August 1994

Hsiao-Mei Wang, "Regression diagnostics for Class-A regressive models with continuous phenotypes," (jointly supervised with Dr. Trudy Burns), Department of Preventive Medicine (Biostatistics), completed August 1995

George Manos, "A mixed effects generalized linear model approach to the analysis of binary longitudinal data subject to informative drop-out using Markov Chain Monte Carlo Methods," Department of Biostatistics, completed July 1999

Shenghui Tang, "Analysis of longitudinal data with information computing causes of dropout", Department of Statistics, completed July 1999

Chandan Saha, “Quantifying the asymptotic bias in the linear mixed-effects model under informative drop-out, drop-in and other missing data patterns,” Department of Biostatistics, completed October 2001

Sheela Kolluri, “A model for longitudinal Poisson count data with informative dropout”, Department of Biostatistics, completed December 2001

Jeff Allen, “A model for bivariate repeated measures with two drop-out times,” Department of Biostatistics, completed June 2002 (Co-advisor with Dr. Kate Cowles)

Bongin Yoo, “Estimation of mixed random effects failure time models”, Department of Biostatistics, completed December 2005

Maria Mendoza, Department of Biostatistics, ongoing (Co-advisor with Dr. Trudy Burns)

Rui Qin; “Modeling Bivariate Survival Times by Copulas”, Department of Statistics and Actuarial Science; completed July 2006

C. Other Advising/Mentoring

Student Counseling

1986: 1 M.S.	2000: 1 M.S., 1 Ph.D.
1987: 1 M.S.	2001: 1 M.S., 1 Ph.D.
1988: 2 M.S., 1 Ph.D.	2002: 2 M.S., 3 Ph.D.
1989: 2 M.S., 2 Ph.D.	2003: 2 M.S.; 4 Ph.D.
1990: 1 M.S., 2 Ph.D.	2004: 1 MS; 4 Ph.D.
1991: 1 M.S., 3 Ph.D.	2005: 1 MS; 3 Ph.D.
1992: 0 M.S., 2 Ph.D.	2006: 1 MS; 3 Ph.D.
1993: 1 M.S., 3 Ph.D.	
1994: 1 M.S., 2 Ph.D.	
1995: 2 M.S., 1 Ph.D.	
1996: 1 M.S., 1 Ph.D.	
1997: 1 M.S., 2 Ph.D.	
1998: 1 M.S., 2 Ph.D.	
1999: 1 M.S., 1 Ph.D.	

<u>Name</u>	<u>Degree Objective</u>	<u>Role</u>	<u>Outcome</u>
Chandan Saha	PhD in Biostatistics	Preceptorship Advisor	Completed 2000
Minggen Lu	PhD in Biostatistics	Preceptorship Advisor	Completed 2005

D. Other Contributions to Institutional Programs

Institutional Conferences, Grand Rounds, Journal Club

<u>Date</u>	<u>Title</u>	<u>Location</u>
1988-89	Biostatistics Divisional Seminar Chairman	The University of Iowa
1986	A general class of nonparametric procedures for survival analysis.	Biostatistics Divisional Seminar
1986, 1988, 1989	Life table analysis.	Presented to Internal Medicine Fellows, The University of Iowa
1987	Adjusting group differences for covariables.	Digestive Disease Center Seminar, The University of Iowa
1987	Nonparametric tests for trend in a 2 x k table.	Biostatistics Divisional Seminar
1988	A general class of nonparametric survival analysis procedures for the Markov model.	Biostatistics Divisional Seminar
1988	Regression of the log odds ratio.	Biostatistics Divisional Seminar
1988	Randomized clinical trials. A speaker and discussant.	Clinical Epidemiology
1989	How outliers in data can affect your results.	Digestive Disease Center Seminar, The University of Iowa
1989	Sample size needed in a clinical trial.	Department of Internal Medicine (to senior medical students) The University of Iowa.
1990	Robust tests for survival data involving a single continuous covariate.	Biostatistics Divisional Seminar
1992	Competing risks in survival data analysis.	Pediatric Oncology Seminar
1993	S-plus.	Biostatistics Divisional Seminar
1993	Robustification of Cox proportional hazards regression.	Biostatistics Divisional Seminar
1993-94	Started a Unix users group with biweekly meetings.	Department of Preventive Medicine

1994	3 seminars on generalized estimating equations for correlated data.	Longitudinal Data Seminar, Division of Biostatistics
1994	Indicator and stratification methods for missing explanatory variables in regression.	Biostatistics Divisional Seminar
1996	A weighted proportional hazards regression which is resistant to outliers.	Biostatistics Divisional Seminar
1996	Markov Chain Monte Carlo Seminar: Bayesian Computation and Stochastic Systems.	Department of Statistics University of Oxford
1996	Markov Chain Monte Carlo Seminar: Generalized Linear Mixed Models	Department of Statistics University of Oxford
1998	An introduction to the graphical and statistical methods of Splus.	Biostatistics Divisional Seminar
2000	Investigation of semiparametric regression methods for censored data under model misspecification.	Department of Biostatistics Seminar
2003	Hierarchical Modeling of Public Health Data	The University of Iowa Injury Prevention Research Center Seminar
2004	Hierarchical Modeling of Health Services Research Data	Center for Health Policy and Research and CRIISP Seminar

Teaching Committees

<u>Year</u>	<u>Committee Name</u>
1986-87	Division of Biostatistics M.S. Curriculum Committee (Chair)
1986-90	Department of Preventive Medicine Curriculum Committee
1990-92 1993-95	Department of Preventive Medicine M.S. Final Exam Committee
1996-97	Department of Preventive Medicine M.S. Final Exam Committee
1997	Div. of Biostatistics Strategic Plan Committee (Chaired group that wrote section on Education)
1997-98	Biostatistics Curriculum Review Committee (Chair) Revised the M.S. and Ph.D. curricula, taking effect Fall 1999
1999	Div. of Biostatistics PhD Comprehensive Exam Committee (Chair)
1999-00	Mildred E. Barnes Student Award Committee for Biostatistics (Chair)
2001	Dept of Biostatistics Ph.D. Comprehensive Exam Revision Committee (Chair)

2001	Department of Biostatistics Ph.D. Comprehensive Exam (Chair)
2002	Biostatistics Ph.D. Comprehensive Examination Committee (Chair)
2003	Biostatistics Ph.D. Comprehensive Examination Committee
2004	Biostatistics Ph.D. Comprehensive Examination Committee (Chair)
2004	MS Examination Committee, chair (Fall Exam)
2006-07	Biostatistics PhD Examination Committee, chair
2006-07	Biostatistics MS Exam Committee, chair (Fall Exam)
2006-07	Biostatistics MS and PhD Curriculum Committee

National Education-Related Presentations

<u>Year</u>	<u>Title</u>
None	

Formal Study to Improve Teaching Abilities

<u>Year</u>	<u>Institution</u>	<u>Course Title</u>
None		

Current Research Concerning Teaching

None

Local and Regional Talks

<u>Year</u>	<u>Title</u>	<u>Location</u>
1997	Study designs and analysis.	Evaluation Workshop, Data Analysis and Evaluation Assistance for NHTSA Regions VII and VIII, Des Moines, Iowa

E. Course Materials (syllabi, instructional web pages, computer lab materials)
(Description only - *full materials to be included in promotion dossier*)

1. Developed a new 3 s.h. course (171:242, formerly 63:242) Statistical Methods in Epidemiology II which consists of 10 weeks of survival data analysis and 5 weeks of cohort data analysis. The last 5 weeks was incorporated as a separate 1 s.h. course (63:243) Cohort Data Analysis which would be taken by students who had already taken the regular survival analysis course 63:261.
2. Developed a new 4 s.h. course (171:251, formerly 63:221) Theory of Biostatistics I which goes through an intermediate level of mathematical statistics as found in the first six chapters of Bickel and Doksum and also includes about five weeks on asymptotic theory.

3. Developed a new 4 s.h. course (171:252, formerly 63:222) Theory of Biostatistics II which covers permutation test and nonparametric statistics, generalized linear models, and computer intensive statistical methods, including EM, Monte Carlo and the numerical integration. Special topics covered in different years include: generalized linear mixed models; bootstrap and jackknife; Markov Chain Monte Carlo.

III. SCHOLARSHIP

A. Publications or Creative Works (least to most recent)

Peer-Reviewed Papers

(Statistical)

1. Jones MP and Crowley J. A general class of nonparametric tests for survival analysis. Biometrics 45:157-170, 1989.
2. Jones MP, O'Gorman TW, Lemke JH and Woolson RF. A Monte Carlo investigation of homogeneity tests of the odds ratio under various sample size configurations. Biometrics 45:171-181, 1989.
3. O'Gorman T, Woolson RF, Jones MP and Lemke JH. A Monte Carlo study of three odds ratio estimators and four tests of association in several 2x2 tables when data are sparse. Communications in Statistics-Simulation, 17(3):813-835, 1988.
4. Jones MP and Crowley J. Asymptotic properties of a general class of nonparametric tests for survival analysis. Annals of Statistics 18(3):1203-1220, 1990.
5. O'Gorman TW, Woolson FR, Jones MP and Lemke JH. Statistical analysis of K 2x2 tables: A comparative study for estimators/test statistics for association and homogeneity. Environmental Health Perspectives 87:103-107, 1990. Also, published in Biostatistics in Cancer Risk Assessment, edited by D Hoel and T Yanagawa, pp. 39-43, Tokyo, 1991.
6. Jones MP. Robust tests for survival data involving a single continuous covariate. Scandinavian Journal of Statistics 18:323-332, 1991.
7. Jones MP and Crowley J. Nonparametric survival tests of the Markov model. Biometrika 79:513-522, 1992.
8. Davis CS and Jones MP. Maximum likelihood estimation for the multinomial distribution. Teaching Statistics 14:9-11, 1992.
9. O'Gorman TW, Woolson RF, Jones MP. A comparison of two methods of estimating a common risk difference in a stratified analysis of a multicenter clinical trial. Controlled Clinical Trials 15:135-153, 1994.
10. Jones MP. Indicator and stratification methods for missing covariates in multiple linear regression. Journal of the American Statistical Association, 91:222-230, 1996.

11. Jones MP. A class of semiparametric regressions for the accelerated failure time model. Biometrika 84:73-84, 1997.
12. Wang HM, Jones MP and Burns TL. Regression diagnostics for the class A regressive model with quantitative phenotypes. Genetic Epidemiology 17:174-187, 1999.
13. Jones MP. Nonrobustness of information tests in detecting heterogeneity. Canadian Journal of Statistics, 27:771-779, 1999.
14. Jones MP. Unmasking the trend sought by Jonckheere-type tests for right-censored data. Scandinavian Journal of Statistics 28:527-535, 2001.
15. Saha C, Jones M. Asymptotic bias in the linear mixed effects model under non-ignorable missing data mechanisms. Journal of the Royal Statistical Society, Series B 67:167-182, 2005.
16. Jones MP and Yoo Bongin. Linear signed-rank tests for paired survival data subject to a common censoring time. Lifetime Data Analysis 11:351-365, 2005.
17. Wang HM, Jones MP and Storer BE. Comparison of case-deletion diagnostic methods for Cox regression. Statistics in Medicine 25:669-683, 2006.

(Biomedical)

1. Hackney JD, Evans MJ, Bils RF, Spier CE and Jones MP. Effects of 100% oxygen and food deprivation on cell division in lung alveoli of mice. Exp and Mol Path 26:350-358, 1977.
2. Azen SP, Linn WS, Hackney JD, Jones MP and Schoentgen S. A comparison of eight lung function indices in smoking and non-smoking office workers. Lung 154:213-221, 1977.
3. Azen SP, Linn WS, Hackney JD and Jones MP. A factor analytic approach to an effective lung function screening protocol. Amer J Public Health 68(1):49-53, 1978.
4. Linn WS, Buckley RD, Spier CE, Blessey RL, Jones MP, Fischer DA and Hackney JD. Health effects of ozone exposure in asthmatics. Am Rev Resp Dis 117:835-843, 1978.
5. Buckley RD, Posin CI, Clark KW, Hackney JD, Jones MP and Patterson JV. Nitrogen dioxide inhalation and human blood biochemistry. Arch Env Health 33(6):318-324, 1978.
6. Linn WS, Jones MP, Bachmayer EA, Clark KW, Karuza SK and Hackney JD. Effects of low-level ozone exposure on arterial oxygenation in humans. Amer Rev Rep Dis 119:731-740, 1979.
7. Avol EL, Jones MP, Bailey RM, Chang NN, Kleinman MT, Linn WS, Hackney JC and Bell KA. Controlled exposures of human volunteers to sulfate aerosols: Health effects and aerosol characterization. Am Rev Resp Dis 120(8):319-328, 1979.
8. Posin CI, Clark KW, Jones MP, Buckley RD and Hackney JD. Human biochemical response to ozone and vitamin E. J Toxicol Environ Health 5:1049-1058, 1979.

9. Kleinman MT, Linn WS, Bailey RM, Jones MP and Hackney JD. Effect of ammonium nitrate aerosol on human respiratory function and symptoms. Environ Res 21:317-326, 1980.
10. Linn WS, Jones MP, Bailey RB, Kleinman MT, Spier CE, Fischer DA and Hackney JD. Respiratory effects of mixed nitrogen dioxide and sulfur dioxide in human volunteers under simulation ambient exposure conditions. Environmental Research 22:431-438, 1980.
11. Hackney JD, Linn WS, Buckley RD, Jones MP, Wightman LH, Karuza SK, Clark KW, Blessey RL and Hislop HJ. Vitamin E supplementation and respiratory effects of ozone in humans. J Toxicol Environ Health 7:383-390, 1981.
12. Kleinman MT, Bailey RM, Chang YC, Clark KW, Jones MP, Linn WS and Hackney JD. Exposures of human volunteers to a controlled atmospheric mixture of ozone, sulfur dioxide and sulfuric acid. J Amer Ind Hyg Assoc 42:61-69, 1981.
13. Miller RC, Hiraoka T, Nakamura N, Tenou H, Kopecky KJ, Jones MP and Gould MN. In vitro culture of human thyroid cells; methods and application to radiation biology. J Radiat Res 26:269-282, 1985.
14. Hiraoka H, Miller RC, Gould MN, Kopecky KJ, Ezaki H, Takeichi N, Ito T, Jones MP and Clifton KH. Survival of human normal thyroid cells after x-ray irradiation. Int J Radiat Biol 47:299-307, 1985.
15. Miller RC, Hiraoka T, Kopecky KJ, Nakamura N, Jones MP, Ito T and Clifton KH. Sensitivity to radiation of human normal, hyperthyroid and neoplastic thyroid epithelial cells in primary culture. Radiat Res 111:81-91, 1987.
16. Biller J, Jones MP, Bruno A, Adams HP and Banwart K. Seasonal variation of stroke - does it exist. Neuroepidemiology 7:89-98, 1988.
17. Radford JE, Burns CP, Jones MP, Gingrich RD, Kemp JD, Edwards RW, McFadden DB, Dick FR and Chen WB. Adult acute lymphoblastic leukemia: Results of the Iowa HOP-L protocol. Journal of Clinical Oncology 7(1):58-66, 1989.
18. Biller J, Bruno A, Adams HP, Godersky JC, Loftus CM, Mitchell VL, Banwart KJ and Jones MP. A randomized trial of aspirin or heparin in hospitalized patients with recent transient ischemic attacks - a pilot study. Stroke 20(4):441-447, 1989.
19. Graff-Radford NR, Godersky J and Jones MP. Variables predicting surgical outcome in symptomatic hydrocephalus in the elderly. Neurology 39:1601-1604, 1989.
20. Love BL, Biller J, Jones MP, Adams Jr HP and Bruno A. Cigarette smoking: A risk factor for cerebral infarction in your adults. Arch Neurol 47:693-698, 1990.
21. Biller J, Love BB, Marsh EE III, Jones MP, Knepper LE, Jiang D, Adams Jr HP and Gordon DL. Spontaneous improvement after acute ischemic stroke. A pilot study. Stroke 21:1008-1012, 1990.
22. Roberts RO, Lynch CF, Jones MP and Hart M. Medulloblastoma: A population-based study of 532 cases. Journal of Neuropathology and Experimental Neurology 50(2):134-144, 1991.

23. Lynch CF, Platz CE, Jones MP and Gazzaniga JM. Cancer Registry Problems in Classifying Invasive Bladder Cancer. Journal of the National Cancer Institute 83(6):429-433, 1991.
24. Russell JW, Biller J, Hajduczuk ZD, Jones MP, Kerber RE and Adams JR, HP. Ischemic Cerebrovascular Complications and Risk Factors in Idiopathic Hypertrophic Subaortic stenosis. Stroke 22:1143-1147, 1991.
25. Munger RG, Prineas RJ, Crow RS, Changbumrung S, Keane V, Wangsuphachart V and Jones MP. Prolonged QT Interval and Risk of Sudden Death in South-east Asian Men. Lancet 338:280-281, 1991.
26. Follett KA, Hitchon PW, Piper J, Kumar V, Clamon G and Jones MP. Response of intractable pain to continuous intrathecal morphine: A retrospective study. Pain 49:21-25, 1992.
27. Ryan J, Zwerling C and Jones M. The effectiveness of preemployment drug screening in the prediction of employment outcome. J Occup Med 34(11):1057-1063, 1992.
28. Cadwell FJ, Burns CP, Dick FR, Jones MP, Heckman KD, Weiner GJ, Goehen JA. Minimally differentiated acute leukemia. Leukemia Research 17(3):199-208, 1993.
29. Zwerling C, Sprince NL, Ryan J and Jones MP. Occupational injuries: comparing the rates of male and female postal workers. American Journal of Epidemiology 138(1):46-55, 1993.
30. Pomrehn PR, Jones MJ, Ferguson KJ and Becker SL. Tobacco use initiation in middle school children in three Iowa Communities: The results of the Iowa Program against smoking. Journal of Health Education, 26(2):92-100, 1995.
31. Ryan J, Zwerling C and Jones M. Cigarette smoking at hire as a predictor of employment outcome. J Occup Envir Med 38:928-933, 1996.
32. Platz CE, Cohen MB, Jones MP, Olson DB and Lynch CF. Is microstaging of early invasive cancer of the urinary bladder possible or useful? Modern Pathology 9(11):1035-1039, 1996.
33. Heckman KD, Weiner GJ, Davis CS, Strauss RG, Jones MP and Burns CP. Randomized study of prophylactic platelet transfusion threshold during induction therapy for adult acute leukemia:10,000/ μ L vs 20,000/ μ L. Journal of Clinical Oncology 15:1143-1149, 1997.
34. Cowl CT, Jones MP, Lynch CF, Sprince NL, Zwerling C and Fuortes LJ. Factors associated with fatalities and injuries from hot-air balloon crashes. JAMA 279(13):1011-1014, 1998.
35. Zwerling C and Jones MP. Evaluation of the effectiveness of low blood alcohol concentration laws for younger drivers. American Journal of Preventive Medicine 16(1S):76-80, 1999.

36. Ephgrave KS, Buchmiller C, Jones MP, Cullen JJ. The cup is half full. An analysis of clinical outcomes following feeding enterostomies. American Journal of Surgery 178(5):406-410, 1999.
37. Kline JN, Cowden JD, Hunninghake GW, Schutte BC, Watt JL, Wohlford-Lenane CL, Powers LS, Jones MP and Schwartz DA. Variable airway responsiveness to inhaled lipopolysaccharide. American Journal of Respiratory Critical Care Medicine 160:297-303, 1999.
38. Arbour NC, Lorenz E, Schutte BC, Zabner J, Kline JN, Jones M, Frees K, Watt JL and Schwartz DA. TLR4 mutations are associated with endotoxin hyporesponsiveness in humans. Nature Genetics 25:187-191, 2000.
39. Weyer PJ, Cerhan JR, Kross BC, Hallberg GR, Kantameni J, Breuer G, Jones MP, Zheng W, Lynch CF. Municipal drinking water nitrate level and cancer risk in older women: The Iowa Women's Health Study. Epidemiology 11:327-3338, 2000.
40. Lorenz E, Jones M, Wohlford-Lenane C, Meyer N, Frees KL, Arbour NC, Schwartz DA. Genes, other than TLR4, are involved in the response to inhaled LPS. Am J Physiol: Lung Cell Mol Physiol 281(5):L1106-14, 2001.
41. Turvey CL, Conwell Y, Jones MP, Phillips C, Simonsick E, Pearson JL, Wallace R. Risk Factors for Late-Life Suicide: A Prospective Community-Based Study. Am J of Geriatric Psychiatry 10(4):398-406, 2002 Jul-Aug.
42. Van Voorhis BJ, Romitti PA, Jones MP. Family history as a risk factor for the development of uterine fibroids. Results of a pilot study and literature review. J Reproductive Med 47:663-669, 2002.
43. Kolker JL, Damiano PC, Jones MP, Dawson DV, Caplan DJ, Armstrong SR, Flach SD, Kuthy RA, and Warren JJ. The timing of subsequent treatment for teeth restored with large amalgams and crowns: factors related to the need for subsequent treatment. J Dent Res 83(11):854-858, 2004.
44. Kolker JL, Damiano PC, Armstrong SR, Bentler SE, Flach SD, Caplan DJ, Warren JJ, Kuthy RA, Dawson DV, Jones MP. Natural history of treatment outcomes for teeth with large amalgam and crown restorations. Operative Dentistry 29-6:614-622, 2004.
45. Zwerling C, Peek-Asa C, Whitten PS, Choi S-W, Sprince NL, Jones MP. Fatal motor vehicle crashes in rural and urban areas: decomposing rates into contributing factors. Injury Prevention 11:24-28, 2005.
46. Kolker JL, Damiano PC, Caplan DJ, Armstrong SR, Dawson DV, Jones MP, Flach DS, Warren JJ, Kuthy RA. Teeth restored with large amalgams and crowns: factors that affect the receipt of subsequent treatment after ten years. J Am Dental Assoc. 136:738-748, 2005.
47. Kolker JL, Damiano PC, Flach SD, Bentler SE, Armstrong SR, Caplan DJ, Kuthy RA, Warren JJ, Jones MP, Dawson DV. The cost-effectiveness of large amalgam and crown restorations over a 10 year period. Journal of Public Health Dentistry, 66(1): 57-63, 2006.

Non-Peer-Reviewed Papers (reports, proceedings, etc.)

None

Books/Monographs

None

Chapters

1. Hackney JD, Linn WS, Jones MP, Bailey RM, Julin DR and Kleinman MT. Short-term respiratory effects of sulfur-containing pollutant mixtures: Some recent findings from controlled clinical studies (Chapter 11). In Atmospheric Sulfur Deposition, Environmental Impact and Health Effects, 77-84. DS Shriner, CR Richmond, SE Lindberg, eds. Ann Arbor Science Publishers, Inc., 1980.
2. Hackney JD, Linn WS, Avol EL, Jones MP, Bailey RM and Kleinman MT. Human health effects of nitrogenous air pollutants: Recent findings from controlled environmental clinical studies (Chapter 19). In Nitrogen Oxides and Their Effects on Health, 307-314, SD Lee, ed. Ann Arbor Science Publishers, Inc., 1980.
3. Graff-Radford NR, Godersky JC, Tranel D, Eslinger, Jones MP. Neuropsychological testing in normal pressure hydrocephalus. Proceedings of the VIIIth International Symposium on Intracranial Pressure and Brain Injury. Ann Arbor, Michigan, June 19-23, 1988.

Electronic Publications

- 1.

Abstracts

1. Jones MP and Yoshida RK. Fortran IV program to determine the proper sequence of records in a data file. Educational and Psychological Measurement, October 1975.
2. Linn WS, Hackney JD, Jones MP and Patterson JV. Smoking-related pulmonary dysfunction in male vs. female office workers. Amer Rev Resp Dis 113(4,II):86, April 1976.
3. Azen SP, Jones MP, Linn WS and Hackney JD. Interrelationships among simple indices of pulmonary function: A factor-analytic approach. Am Rev Resp Dis 115(4):302, April 1977.
4. Linn WS, Buckley RD, Spier CE, Blessey RL, Jones MP, Fischer DA and Hackney JD. Health effects of ozone exposure in asthmatics. Clin Res 26(2):136A, February 1978.
5. Hackney JD, Linn WS, Buckley RD, Spier CE, Jones MP, Clark KW and Posin CI. Human health effects of nitrogen oxides. Published in conference Proceedings of American Chemical Society meeting, Anaheim, California, March 1978.

6. Hackney JD, Linn WS, Buckley RD, Jones MP, Wightman LH, Karuza SK, Blessey RL and Hislop JH. Vitamin E supplementation and respiratory effects of ozone in humans. Amer Rev Resp Dis 117(4,II):238, April 1978.
7. Avol EL, Jones MP, Bailey RM, Chang NN, Kleinman MT, Linn WS, Hackney JD, Bell KA. Aerosol characterization and health effects of ammonium sulfate, ammonium bisulfate, and sulfuric acid aerosols in controlled human exposures. APCA Annual Meeting in Houston, Texas, June 1978. Published in conference proceedings.
8. Linn WS, Jones MP, Bachmayer EA, Spier CE, Fasciano SA, Avol EL and Hackney JD. Short-term health effects of exposure to photochemical air pollution: A "controlled" laboratory study. Am Rev Resp Dis 119(4,II):228, April 1979.
9. Avol EL, Jones MP, Wightman LH, Bachmayer EA, Spier CE, Linn WS and Hackney JD. Investigation of short-term health effects of ambient photochemical air pollution. APCA, presented at 72nd Annual Meeting, Cincinnati, Ohio, June 24-29, 1979.
10. Hackney JD, Linn WS, Avol EL, Jones MP, Bailey RM and Kleinman MT. Human health effects of nitrogenous air pollutants: Recent findings from controlled-environment clinical studies. Published in conference proceedings, American Chemical Society, Division of Environmental Chemistry. Ann Arbor Science Publishers, Inc., 1979.
11. Hackney JD, Linn WS, Jones MP, Lleinman MT, Bailey RM and Julin DR. Short-term respiratory effects of sulfur containing pollutant mixtures: Some recent findings from controlled clinical studies. Second Annual Oakridge National Laboratory Life Sciences Symposium in Gatlinburg, TN, October 1979.
12. Jones M. A general class of nonparametric procedures for survival analysis. Abstracts of Contributed Papers, 13th International Biometric Conference, Seattle, Washington, July 27 - August 1, 1986.
13. Jones M. Nonparametric tests for trend in a 2 x k table. Abstracts of Contributed Papers, American Statistical Association Conference, San Francisco, California, August 17-20, 1987.
14. Jones M. A general class of nonparametric survival analysis procedures for the Markov model. Published in conference proceedings, Biometrics (ENAR) Conference, Boston, Massachusetts, March 1988.
15. Beattie BA, Biller J, Bruno A, Adams Jr HP and Jones MP. Cigarette smoking as a risk factor for neurologic cerebral infarction in young adults. World Federation of Neurology, Research Group on Epidemiology, Cincinnati, Ohio, April 22, 1988.
16. Moore DB, Jones MP, Biller J, Olinger CP, Marler JR, Barsan W, Adams Jr HP and Brott T. Lack of relationship between hematocrit and hemoglobin and outcome of acute cerebral ischemia. A study in 65 patients given Naloxone. Supplement II Circulation 78(4), October 1988.

17. Jones MP. A general class of nonparametric tests for survival analysis. Abstract book from conference on robustness and nonparametric statistics, part I XXXIII semester, Stefan Banach International Mathematical Center, Warsaw, Poland, March 1-May 31, 1989.
18. Biller J, Love BB, March EE III, Knepper L, Jones MP, Adams Jr HP and Gordon DL. Spontaneous improvement after acute ischemic stroke. A pilot study. Joint Conference on Stroke and Cerebral Circulation. Orlando, Florida, February 16, 1990.
19. Jones MP. Robust tests for survival data involving a single continuous covariate. Conference proceeding, Biometrics (ENAR) conference, Baltimore, Maryland, 1990.
20. Gordon DL, Biller J, Jones MP, Marsh EE III, Loftus CM, Love BB and Adams Jr HP. Hypocholesterolemia is not an important marker for spontaneous intracerebral hemorrhage. AAN Scientific Program, 1991.
21. Heckman K, Weiner GJ, Strauss RG, Jones MP and Burns CP. Randomized evaluation of the optimal platelet count for prophylactic platelet transfusions in patients undergoing induction therapy for acute leukemia. The American Society of Hematology, 35th Annual Meeting. December 3-7, 1993, St. Louis, Missouri.
22. Platz CE, Cohen MB, Jones MP, Olson DB and Lynch CF. Is microstaging of early invasive (T1) cancer of the urinary bladder possible or useful? Annual meeting of the United States and Canadian Academy of Pathology. March 12-19, 1994, San Francisco, California.
23. Ephgrave KS, Buchmiller C, Jones M and Cullen JJ. The cup is half full: an outcome analysis of feeding enterostomies in the nineties. Association of VA Surgeons Twenty-first Scientific Symposium, 1997.
24. Ephgrave K, Jones M, Cullen J and Buchmiller C. Outcomes following feeding enterostomies: what factors cause morbidity? The Society of University Surgeons. February 12-14, 1998, Milwaukee, Wisconsin.
25. Heckman KD, Weiner GJ, Davis CS, Strauss RG, Jones MP and Burns CP. Randomized study of prophylactic platelet transfusion threshold during induction therapy for adult acute leukemia: 10,000/ μ l versus 20,000/ μ l. Year Book of Hematology, Mosby-Year Book, Inc., 1998.
26. Dvoracek MA, Jones MP, Olson DB, Andrews FR, Lynch CF and Cohen MB. Prognostic markers in human prostatic adenocarcinoma: a population based study. Modern Pathology 12:94A, 1999.
27. Romitti PA, Squire RM, Jones MP, Lynch CF. Evaluation of a population-based method to identify affected relative pairs with cancer. American Journal of Epidemiology Supplement 151:308, 2000.
26. Cerhan J, Weyer P, Kross B, Hallbert G, Kantamneni J, Breu7er G, Jones M, Zheng W, Lynch C. A cohort study of nitrate levels in municipal drinking water and cancer risk. Cancer Epidemiology, 2000; 9:235.
- 27.

Reviews

1. Review of Short Course. Generalized Additive Models given by Trevor Hastie and Robert Tibshirani, American Statistical Association Conference, Anaheim, CA, August 5, 1990.

Other (example, letter to the editor)

None

Areas of Research Interest

1. Survival analysis
2. Semiparametric regression
3. Nonparametrics
4. Robust methods of regression
5. Likelihood theory
6. Tests for heterogeneity
7. Statistical methods for epidemiology
8. Methods for Informative Dropout

Current Projects

1. Survival data analysis methodology
2. Involvement in a variety of cancer studies as statistician
3. Determination of whether airway response to inhaled endotoxin is genetic

C. Grants Received (*ALL grants*, least to most recent)
 (if you are not the PI, state your role or contributions – in a few sentences)

Title Source P.I.	% Effort % Salary Support	Direct Funds Period of Funding
"Survival analysis for cancer data" Type: R29 (CA 55212) Agency: National Cancer Institute Principal Investigator: Michael P. Jones, PhD	50% Effort % Salary Support	Direct Funds 8/1991 to 7/1996, extended to 7/1997

The primary goals of this grant on methodologic research in biostatistics are (1) to develop a robust version of Cox proportional hazards regression which is resistant to outliers (influential observations) among the covariates and (2) to develop semiparametric regression methods for matched-pair survival data.

"Survival analysis for cancer data" Type: R01 (CA 55212) Agency: National Cancer Institute Principal Investigator: Michael P. Jones, PhD	30% Effort % Salary Support	Direct Funds 4/1998 to 3/2001
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The primary goals of this grant on methodologic research in biostatistics are (1) to develop multivariate frailty models that accommodate complex family structure in proportional hazards regression and (2) to develop tests for heterogeneity in clustered data that do not rely on distributional assumptions for either the outcome variable or random effect.

"Host determinants of organic dust-induced airway disease" Type: R01 (HL 62628) Agency: National Heart, Lung and Blood Institute Principal Investigator: Dr. David Schwartz Co-Investigator: Michael P. Jones, PhD	10% Effort % Salary Support	Direct Funds 9/1998 to 8/2001
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The goal of this research is to determine if airway response to inhaled endotoxin is genetically based and to assess the level of its expression by gender.

<p>“Surveillance, Epidemiology and End Results (SEER) Program” Type: N01 (CN 67008) Agency: National Cancer Institute Principal Investigator: Charles F. Lynch, MD, PhD Investigator: Michael P. Jones, PhD</p>	<p>5% Effort % Salary Support</p>	<p>Direct Funds 8/1996 to 7/2003</p>
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Goals of the Iowa SEER Program are to: 1) describe the extent of cancer in Iowa in terms of incidence, mortality, and survival; 2) provide these data to the NCI SEER Program to enable their goals to be accomplished; 3) provide a resource for epidemiologic research into the cause of cancer, particularly related to the environment; and 4) be of service to local areas and people for planning of health care services and investigation of cancer clusters. In the Iowa Radon Lung Cancer Study, the Iowa SEER Program was a source of case-finding, control verification, and pathologic material retrieval.

<p>“Effect of cervical cancer on pregnancy outcome” Type: N01 (CN-6708 Mod. 1) Agency: National Cancer Institute Principal Investigator: Charles F. Lynch, MD, PhD Investigator: Michael P. Jones, PhD</p>	<p>5% Effort % Salary Support</p>	<p>Direct Funds 10/1996 to 9/1999</p>
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This is a population-based record linkage study of cervical cancer carcinoma-in-situ (CIS) incidence data with birth and fetal death certificates. The study is a collaborative effort between the Iowa Surveillance, Epidemiology, and End Results (SEER) Program and the Seattle, Washington SEER Program. The specific aims are to evaluate pregnancy outcome through 1) examining the influence of a history of cervical CIS; 2) evaluating the impact of diagnostic procedures and treatment regimens for cervical CIS; and 3) exploring the effects of demographic characteristics, reproductive history, and smoking behaviors.

<p>“Data Analysis” Bristol-Myers Squibb Pharmaceutical Res. Institute PI: Clarke, William R. Consultant: Michael P. Jones, Ph.D.</p>	<p>10% Effort</p>	<p>2/1/02-4/30/02 Consultant</p>
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<p>Title: Work Accommodations for Older Workers with Disabilities Type: 5 R01 AG16829-03 National Institute on Aging Principal Investigator: Zwerling, Craig Consultant: Michael P. Jones, Ph.D.</p>	<p>8.6% Effort 9/15/99-7/31/03</p>	<p>Direct Funds 285,441</p>
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The specific aims of this project are to describe and compare the prevalence of workplace accommodations and the factors that influenced the likelihood of accommodation among older workers and to assess changes in the rate and nature of workplace accommodations during the first decade of the ADA.

<p>“Iowa Injury Prevention Center” R49-CCR721682-01 CDC Principal Investigator: Craig Zwerling Co-Investigator: Michael P. Jones, Ph.D.</p>	<p>15%</p>	<p>9/1/02-8/31/07 \$668,970 Discontinued 1/2006.</p>
<p>VA-IPA (PIs: Rosenthal and Wolinsky) Center for Research in the Implementation of Innovative Strategies in Practice (CRIISP) Co-Investigator: Michael P. Jones, PhD</p>	<p>20%</p>	<p>7/1/04-6/30/09 \$3,400,000 total</p>
<p>Prospective Study of UEMSD (Upper Extremity Musculoskeletal Disorders) and Physical Job Stressors (Ergonomist) NIOSH Principal Investigator: Fred Gerr Co-Investigator: Michael P. Jones</p>	<p>10%</p>	<p>09/01/03-08/31/07</p>
<p>Neurological Outcomes Among Pesticide Applicators NIH R01 ES013067-01A2 Principal Investigator: Fred Gerr Co-Investigator: Michael P. Jones</p>	<p>15%</p>	<p>\$403,151 yr 1 9/9/05-8/31/08</p>
<p>The Significance of Racial Segregation for Cardiovascular Disease. R03 AG027286-01 Principal Investigator: Mary Vaughn-Sarrazin Co-Investigator: Michael P. Jones</p>	<p>5%</p>	<p>\$50,000 3/1/06-2/28/08</p>
<p>Impact of Certificate of Need on the Use of Revascularization for AMI NIH-NIA R03 AG0226621-1 Principal Investigator: Mary Vaughn-Sarrazin Co-investigator: Michael P. Jones</p>	<p>5%</p>	<p>\$45,000 6/1/06-5/31/07</p>
<p>Semi-volatile PCBs: Sources, Exposures, Toxicities NIEHS P42 ES 013661 Principal Investigator: Larry Robertson Co-investigator: Jones, Michael P.</p>	<p>18%</p>	<p>\$2,077,047 yr 1 5/12/06-3/31/10</p>
<p>Interpersonal Psychotherapy for Depression in Heart Failure NIH R34-MH073566-01A2 Principal Investigator: Carolyn Turvey Co-investigator: Michael P. Jones</p>	<p>15%</p>	<p>\$405,000 7/1/06-6/30/09</p>

D. Invited Presentations (least to most recent)

<u>Year</u>	<u>Title</u>	<u>Organization</u>
1986	A general class of nonparametric procedures for survival analysis.	Department of Biostatistics, University of Washington, Seattle, WA
1989	A general class of nonparametric tests for survival analysis. (two presentations)	1989 Spring Semester at the Stefan Banach International Mathematical Center in Warsaw, Poland
1989	Analysis of brain cancer survival data.	Department of Mathematics and Computer Science at Drake University, Des Moines, IA
1990	A family of robust tests for survival data	Department of Biostatistics, University of Minnesota, Minneapolis, MN
1991	Robust tests for survival data involving a single continuous covariate.	Department of Statistics, Penn State University, University Park, PA
1992	Robust tests for survival data involving a single continuous covariate.	Department of Statistics, Iowa State University, Ames, IA
1994	A frailty model for clustered failure time data with patterned dependence structure	Department of Statistics, University of Iowa
1995	A frailty model for clustered failure time data with patterned dependence structure	Department of Statistics, Oxford University, England
1996	A frailty model for clustered failure time data with patterned dependence structure	Symposium on Frailty Models and Their Use in Epidemiology; Department of Biostatistics, University of Copenhagen and Danish Epidemiology Science Centre
1999	Rank-based estimators for the accelerated failure time regression model.	Dept. of Statistics, University of Missouri, Columbia, MO
1999	Investigation of semiparametric regression methods for censored data under model misspecification.	Forum for Interdisciplinary Mathematics on Statistics, Combinatorics and Related Areas, Mobile, AL

2000	Investigation of semiparametric regression methods for censored data under model misspecification.	“Three Country Corner” Royal Statistical Society Local Group, Limburgs Universitair Centrum, Diepenbeek, Belgium
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Conference Presentations/Posters

<u>Year</u>	<u>Title</u>	<u>Organization</u>
1986	A general class of nonparametric procedures for survival analysis.	Thirteenth International Biometric Conference, Seattle, WA
1987	Nonparametric tests for trend in a 2 x k table.	American Statistical Association meeting (August)
1988	A general class of nonparametric survival analysis procedures for the Markov model.	Biometrics ENAR Meeting
1990	Robust tests for survival data involving a single continuous covariate.	Biometrics ENAR Meeting, Baltimore, MD
1991	Nonparametric estimates of slope for right censored data.	Biometrics ENAR Meeting, Houston, TX
1991	Nonparametric estimates of slope for right censored data.	Nato Advanced Research Workshop in Survival Analysis and Related Topics; Ohio State University
1992	The effect of miscoding a time-dependent covariate as a fixed covariate in Cox regression.	Biometrics ENAR Meeting, Cincinnati, OH
1993	Indicator and stratification methods for missing covariates in multiple linear regression.	Biometrics (ENAR) Meeting, Philadelphia, PA
1994	Robustification of Cox proportional hazards regression (Bounded Influence).	Biometrics (ENAR) Meeting, Cleveland, OH
1994	A frailty model for clustered failure time data with patterned dependence structure.	International Biometrics Conference, Hamilton, Ontario
1996	Unmasking the trend sought by Jonckheere-type tests for right-censored data.	International Biometrics Conference, Amsterdam, The Netherlands

1997	Unmasking the trend sought by Jonckheere-type tests for right-censored data.	Biometrics (ENAR) Conference, Memphis, TN
2000	Investigation of semiparametric regression methods for censored data under model misspecification.	Biometrics (ENAR) Society meetings, Chicago, IL
2001	Buckley-James type rank tests for paired survival data.	Biometrics (ENAR) Society Meeting. Charlotte, NC
2005	Time to first dental visit for children in a Medicaid and S-SCHIP program. Damiano PC, Momany ET, Flach SD, Jones M, Carter K.	Poster at the Child Health Services Research Annual Meeting, Boston, MA.
2005	A comparison of dental costs for Medicaid and S-SCHIP programs. Flach SD, Damiano PC, Momany ET, Jones M, Carter K.	Poster at the Academy Health Annual Meeting, Boston, MA
2005	Estimation in the Mixed Effects Cox Regression Model. Bongin Yoo and Michael P. Jones	Midwest Biopharmaceutical Statistical Workshop, Muncie, IN.

Visiting Professorships

<u>Year</u>	<u>Location</u>
May-June, 2000	Center for Statistics (masters program) Limburgs Universitair Centrum, Diepenbeek, Belgium (Survival Data Analysis, 9 week course)

E. Pending Information (grant proposals, book contracts, submitted publications etc.)

Publications (submitted articles, including name of journal submitted to. In-press articles would go under publications section)

1. Allen, J; Jones, MP, Cowles, MK. Bayesian Modeling of College GPA Rate of Change with Informative Student Dropout. Journal of Educational and Behavioral Statistics; June, 2006, in preparation.

IV. SERVICE

A. Offices/appointments held in professional organizations (least to most recent)

1. *Editorships*

<u>Year</u>	<u>Publication</u>
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2. *Review Panels*

<u>Year</u>	<u>Title</u>
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3. *Departmental, Collegiate or University Service Positions*

<u>Year</u>	<u>Position</u>
2003-09	University of Iowa Graduate Council, member

4. *Professional Organization (state and/or national)*

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1974	Biometric Society	Member
1979	American Statistical Association	Member
1993-95	Iowa Chapter, American Statistical Assn.	Secretary/Treasurer
1994-96	Biometrics Society	Liaison to AAAS
1997	Royal Statistical Society	Fellow

B. Other Professional Service

1. *Referee Manuscripts*

<u>Year</u>	<u>Title</u>
	Reviewer for <u>Journal of the American Statistical Association</u> , <u>Annals of Statistics</u> , <u>Biometrics</u> , <u>Biometrika</u> , <u>Biostatistics</u> , <u>Communications in Statistics</u> , <u>Computational Statistics and Data Analysis</u> , <u>American Journal of Epidemiology</u> , <u>Lifetime Data Analysis</u> , <u>Sage</u> , <u>Statistics in Medicine</u> , <u>Journal of the Royal Statistical Society-Series B</u> , and <u>Scandinavian Journal of Statistics</u>

2. *Organize Conference, Paper Session, etc.*

<u>Year</u>	<u>Title</u>
1989	Chaired session on survival analysis at 1989 ASA meetings
1990	Organized and chaired session on "Nonparametric survival analysis" at 1990 Biometrics ENAR meetings
1990	Chaired session on stochastic processes at 1990 ASA meeting
1991	Chaired invited paper session "Statistical Methods for General

Survival Data: at 1991 Biometrics (ENAR) meetings

1992 Chaired session on survival analysis at 1992 Biometrics (ENAR) meetings

3. *Departmental, Collegiate or University Committees (other than teaching)*

<u>Year</u>	<u>Title</u>
1986-90	Curriculum Committee
1986-87	Resource Committee
1986-87	Division of Biostatistics M.S. Curriculum Committee
1987-90	Admissions Committee
1988-89	Biostatistics Seminar Chairman
1990-92	M.S. Final Exam Committee (Preventive Medicine)
1993-94	
1991-92	Division of Biostatistics Seminar Chairman
1990, 1992	Iowa Review Committee of American Cancer Society Seed Grant Applications, University of Iowa Cancer Center
1991-95	Advisory Committee to the Office of Consultation and Research in Medical Education, U.I. College of Medicine
1993	Space Committee
1993-95	Computer Resource Committee (member), Health Sciences Computing Lab Subcommittee (Chair)
1996-2001	Iowa Cancer Registry Steering Committee
1996-04	Computation and Informatics Committee
1996-97	M.S. Final Exam Committee (Preventive Medicine)
1997-99	Departmental Seminar Committee
1997-98	Division of Biostatistics Internet WebPage Review Committee (Chair)
1998-99	Division of Biostatistics Ph.D. Comprehensive Exam Chairman
1999-00	Department of Biostatistics Seminar Chairman
1999-	College of Public Health Continuing Education and Seminar Committee

2000-	Vice President for Research Advisory Committee in the Physical and Mathematical Sciences (review of internal funding programs)
2001-02	College of Public Health Computation & Informatics Committee
2002-04	Electronic Communications Committee
2003	Taskforce to Create the Faculty Council for the College of Public Health
2003-09	Graduate College Council
2003	Internal Review Committee for the Department of Occupational and Environmental Health in the College of Public Health
2004-06	Biostatistics MS and PhD Curriculum Committee
2004-06	Alumni Award Nominations Committee (Chair 2004-05)
2004-06	Committee to Draft P&T Guidelines for Biostatistics
2006-07	Chair of a Biostatistics Departmental Committee Group (DCG) for Faculty Tenure
2006-07	Faculty Council Curriculum Committee

4. *State or National Committees*

<u>Year</u>	<u>Title</u>
None	

5. *Professionally Relevant Community Involvement*

<u>Year</u>	<u>Activity</u>
2000	Gave talk on experimental design to Regina High School Science Club; gave advice on design of their NASA shuttle shielding experiment

6. *Professional Consulting*

<u>Year</u>	<u>Organization</u>	<u>Role</u>
1980	Environmental Health Service Downey, CA	Computer Consultant
1982	University of Washington Department of Biostatistics	Statistical Consultant
1985	University of Washington Department of Otolaryngology	Statistical Consultant

7. *Other*

<u>Year</u>	<u>Activity</u>
1993-95	Secretary/Treasurer, Iowa Chapter, American Statistical Association

1994-96 Biometrics Society Liaison to AAAS