

COLLEGE OF PUBLIC HEALTH CURRICULUM VITAE

Brian J. Smith

August 5, 2014

I. EDUCATION AND PROFESSIONAL HISTORY

A. Education (least to most recent)

<u>Institution</u>	<u>Dates Attended</u>	<u>Field of Study</u>	<u>Degree Obtained</u>	<u>Degree Date</u>
Saint Louis University	1989-1993	Mathematics	BA	1993
University of Texas at Austin, Austin, TX	1993-1995	Mathematical Statistics	MS	1995
University of Iowa, Iowa City, IA	1995-2001	Biostatistics	PhD	2001

B. Professional and Academic Positions (least to most recent)

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Research Scientist	1993-1995	University of Texas at Austin, Austin, TX
Member	2001-Present	Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa, Iowa City, IA
Visiting Assistant Professor	2001-2002	Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, IA
Assistant Professor	2002-2008	Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, IA
Member	2004-Present	Cancer Epidemiology Program, Holden Comprehensive Cancer Center, University of Iowa, Iowa City, IA
Co-Director	2005-2006	Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa, Iowa City, IA
Director	2006-Present	Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa, Iowa City, IA

<u>Position Title</u>	<u>Dates of Service</u>	<u>Location/Institution</u>
Associate Professor	2008-Present	Department of Biostatistics, College of Public Health, University of Iowa, Iowa City, IA

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

<u>Year</u>	<u>Title</u>
1992	Barry M. Goldwater Scholarship, U.S. Congress
1997	Excellence in Teaching Award for Graduate Teaching Assistants, University of Iowa
2000	John M. Chambers Statistical Software Award, Statistical Computing Section, American Statistical Association
2001	Milford E. Barnes Award, College of Public Health, University of Iowa
2003	New Investigator Research Award, College of Public Health, University of Iowa
2005	Steben D. Gray Resident's Research Award, Annual Scientific Session, American Broncho-Esophagological Association, Boca Raton, FL
2006	Children's Environmental Health Recognition Award, U.S. Environmental Protection Agency
2006	Innovations in Instructional Computing Award, University of Iowa
2006	New Investigator Research Award, Conference on Radiation and Health, American Statistitcs Association
2009	Induction, Delta Omega Honor Society for Public Health
2014	Faculty Teaching Award, College of Public Health, University of Iowa

II. TEACHING

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

1. University of Iowa

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Fall 2001	171:161 Intro to Biostatistics	3	55	Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2002	171:161 Intro to Biostatistics	3	30	Instructor	100%
Summer 2002	171:161 Intro to Biostatistics	3	20	Instructor	100%
Fall 2002	171:161 Intro to Biostatistics	3	60	Instructor	100%
Spring 2003	171:242 Statistical Methods in Epi II	3	11	Instructor	70%
Fall 2003	171:241 Statistical Methods in Epi	3	40	Instructor	100%
Fall 2003	171:280 Preceptorship in Biostatistics	3	3	Instructor	100%
Fall 2004	171:241 Statistical Methods in Epi	3	35	Instructor	100%
Spring 2005	171:242 Applied Survival & Cohort Data Analysis	3	21	Instructor	100%
Spring 2005	171:243 Cohort Data Analysis	1	2	Instructor	100%
Fall 2005	171:241 Applied Categorical Data Analysis	3	38	Instructor	100%
Fall 2005	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Spring 2006	171:161 Intro to Biostatistics	3	53	Instructor	100%
Spring 2006	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Fall 2006	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Fall 2006	171:300 Thesis/Dissertation	4	1	Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Spring 2007	171:203 Biostat Methods in Categorical Data	3	16	Instructor	100%
Spring 2007	171:282 Applied Survival Analysis	3	10	Supervisor to Minggen Lu	0%
Spring 2007	171:300 Thesis/Dissertation	2	1	Instructor	100%
Spring 2007	171:300 Thesis/Dissertation	2	1	Instructor	100%
Fall 2007	171:241 Applied Cat. Data Analysis	3	16	Instructor	100%
Fall 2007	171:300 Thesis/Dissertation	2	1	Instructor	100%
Spring 2008	171:203 Biostat Methods in Categorical Data	3	14	Instructor	100%
Spring 2008	171:300 Thesis/Dissertation	2	1	Instructor	100%
Fall 2008	171:290 Advanced Biostatistics Seminar: Bayesian Methods	3	10	Co-Instructor	67%
Spring 2009	171:202 Biostatistical Methods II	4	12	Instructor	100%
Spring 2009	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Fall 2009	171:282 Special Topics: Matrix Theory for Biostatistics	2	4	Instructor	100%
Spring 2010	171:203 Biostat Methods in Categorical Data	3	10	Instructor	100%
Spring 2010	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Summer 2010	171:121 General Biostatistics	4	15	Guest Lecturer	10%
Fall 2010	171:290 Advanced Biostatistics Seminar: Bayesian Methods	3	10	Co-Instructor	67%
Spring 2011	171:202 Biostatistical Methods II	4	14	Instructor	100%
Summer 2011	171:121 General Biostatistics	4	16	Guest Lecturer	10%
Fall 2011	171:178 Biostatistical Computing	3	15	Co-Instructor	50%
Fall 2011	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Fall 2011	171:300 Thesis/Dissertation	3	1	Instructor	100%
Spring 2012	171:290 Advanced Biostatistics Seminar: Statistical Methods in Bioinformatics	3	6	Instructor	100%
Spring 2012	171:300 Thesis/Dissertation	3	1	Instructor	100%
Summer 2012	171:121 General Biostatistics	4	16	Guest Lecturer	10%
Fall 2012	171:178 Biostatistical Computing	3	15	Instructor	100%
Fall 2012	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Fall 2012	171:300 Thesis/Dissertation	3	1	Instructor	100%
Spring 2013	171:268 Bayesian Methods and Design	3	4	Co-Instructor	75%
Spring 2013	171:300 Thesis/Dissertation	2	1	Instructor	100%

<u>Semester/Year</u>	<u>Course Title/Number</u>	<u>Semester Hours</u>	<u># Students</u>	<u>Role</u>	<u>Percent Responsible</u>
Summer 2013	171:121 General Biostatistics	4	20	Guest Lecturer	10%
Fall 2013	171:178 Biostatistical Computing	3	17	Instructor	100%
Fall 2013	171:300 Thesis/Dissertation	2	1	Instructor	100%
Spring 2014	171:280 Preceptorship in Biostatistics	3	1	Instructor	100%
Spring 2014	171:290 Advanced Biostatistics Seminar: Statistical Methods in Bioinformatics	3	12	Instructor	100%
Spring 2014	171:300 Thesis/Dissertation	2	1	Instructor	100%
Summer 2014	BIOS:7800:0093 Independent Study in Biostatistics	2	1	Instructor	100%

B. Students Advised

Graduate Students
Name

Degree Objective

Role

Brown, Grant	MS	Academic Advisor
Moen, Joseph	MS	Academic Advisor
Lourens, Lincoln	MS	Academic Advisor
Che, Wen	MS	Academic Advisor
Bi, Youwei	MS	Academic Advisor
Guo, Qun	MS 2004	Academic Advisor
Dong Huang, Xiao	MS 2004	Academic Advisor
Lu, Xin	MS 2006	Academic Advisor
Qi, Yingwei	MS 2006	Academic Advisor
Sun, Kainan	MS 2007	Academic Advisor
Breheny, Patrick	MS 2009	Academic Advisor
Hua, Lei	MS/PhD 2010	Academic Advisor
Miller, Rachel	MS 2010	Academic Advisor
Johnson, Skyler	MS 2010	Academic Advisor
Uribe, Liz	MS 2011	Academic Advisor
Bay, Camden	MS 2012	Academic Advisor

Dissertations/Thesis
Name

Degree Objective

Role

Brown, Grant	PhD	Dissertation Committee
Somal, Harsimran	PhD	Dissertation Committee
Ortega, Lizette	PhD	Dissertation Committee
TenNapel, Mindi	PhD	Dissertation Committee
Bi, Youwei	PhD	Dissertation Committee
Bode, Brenda	MS 2002	Thesis Committee
Humann, Mike	MS 2002	Thesis Committee
Christ, Aaron	PhD 2003	Dissertation Committee
Gehrels, Craig	MS 2003	Thesis Committee
Ferrie, Jessica	MS 2003	Thesis Committee
Lo, Julie	MS 2003	Thesis Committee
Tharp, Katie	PhD 2003	Comprehensive Exam Committee
Lin, Yu-Jau	PhD 2003	Dissertation Committee
Imhof, Sara	PhD 2004	Comprehensive Exam Committee
Konety, Suma	MPH 2004	Thesis Committee
Cason, Eboniece	MS 2005	Thesis Committee
Zhao, Lili	PhD 2006	Dissertation Committee
Gregory, Dan	PhD 2007	Dissertation Committee
Schmidt, Rebecca	PhD 2007	Dissertation Committee
Chakravarty, Subhashish	PhD 2007	Dissertation Committee
Allareddy, Veerasathpurush	PhD 2007	Dissertation and Comprehensive Exam Committee
Golla, Vijay	PhD 2007	Dissertation and Comprehensive Exam Committee
Tiwari, Chetan	PhD 2008	Dissertation Committee
Cirillo, Dominic	PhD 2008	Dissertation Committee
Bayman, Emine	PhD 2008	Dissertation Committee
Song, Jung-Eun	PhD 2008	Dissertation Committee
Sun, Kainan	PhD 2008	Dissertation Committee
Chen, Yiyi	PhD 2008	Dissertation Committee Chair
Abbott, Diana	PhD 2009	Dissertation Committee
Cooperstein, Elaine	PhD 2009	Dissertation Committee
Bedford, Ron	MS 2009	Thesis Committee
Chang, Yu-Hui	PhD 2010	Dissertation Committee
Porter, Aaron	PhD 2012	Dissertation Committee
Alejielat, Rowan	PhD 2012	Dissertation Committee
Mills, Elizabeth	PhD 2013	Dissertation Committee
Kliethermes, Stephanie	PhD 2013	Dissertation Committee
Blodgett, Tom	PhD 2013	Dissertation Committee
Yin, Jun	PhD 2014	Dissertation Committee Chair
Kirresh, Tatian	PhD 2014	Dissertation Committee

C. Other Teaching Contributions (least to most recent)

1. Grand Rounds, Journal Clubs, Seminars

<u>Year(s)</u>	<u>Title</u>	<u>Location</u>
1997-1999	Biostatistics Student Journal Club	Department of Preventive Medicine, University of Iowa
2002	Biostatistics Seminar for Environmental Health Sciences Institute for Rural Youth	College of Public Health, University of Iowa
2006	Biostatistics Seminar for Hematology, Oncology, and Blood & Marrow Transplantation Core (2 Lectures)	University of Iowa
2010	Biostatistics Seminar for Hematology, Oncology, and Blood & Marrow Transplantation Core (2 Lectures)	University of Iowa
2010	Biostatistics Seminar for Radiation Oncology (15 Lectures)	University of Iowa
2012	Biostatistics Seminar for Radiation Oncology (15 Lectures)	University of Iowa

2. Other Contributions to Institutional Programs

<u>Year(s)</u>	<u>Title</u>	<u>Location</u>
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3. Teaching Committees

<u>Year(s)</u>	<u>Committee Name</u>	<u>Location</u>
1996-1997	Teaching Evaluation and Promotion Committee	Department of Preventive Medicine, University of Iowa
2002-2006	Admissions Committee for MPH in Clinical Investigation	College of Public Health, University of Iowa
2002-2004	PhD Comprehensive Examination Committee	Department of Biostatistics, University of Iowa
2003-Present	Masters Comprehensive Examination Committee	Department of Biostatistics, University of Iowa
2003-2007	Admissions and Recruiting Committee	Department of Biostatistics, University of Iowa
2003-2006	Seminar Committee	Department of Biostatistics, University of Iowa
2003-2004	Continuing Education and Seminar Committee	College of Public Health, University of Iowa

<u>Year(s)</u>	<u>Committee Name</u>	<u>Location</u>
2003-2004	Instructional Development and Evaluation Committee	College of Public Health, University of Iowa
2004-2005	MPH Curriculum Committee	Department of Biostatistics, University of Iowa
2007-2008	MS and PhD Curriculum Committee	Department of Biostatistics, University of Iowa
2008-2009	Admissions and Recruitment Committee	Department of Biostatistics, University of Iowa
2012-2014	MS and PhD Curriculum Committee	Department of Biostatistics, University of Iowa
2013-2014	PhD Comprehensive Examination Committee	Department of Biostatistics, University of Iowa

4. Formal Study to Improve Teaching Abilities

<u>Year(s)</u>	<u>Committee Name</u>	<u>Location</u>
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5. Continuing Education Talks

<u>Year(s)</u>	<u>Title</u>	<u>Location</u>
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D. **Course Materials** (least to most recent) (syllabi, instructional web pages, computer lab materials) (Description only - *full materials to be included in promotion dossier*)

Advanced Biostatistics Seminar: Statistical Methods in Bioinformatics (Spring 2012, 2014)

- Course Website and Lecture Notes
- Homework Assignments and Final Project

Applied Categorical Data Analysis (Fall 2003-05, 2007)

- Course Website and Lecture Notes
- Homework Assignments and Exams

Applied Survival and Cohort Data Analysis (Spring 2003, 2005)

- Course Website and Lecture Notes
- Computer Lab Instructions and Exercises
- Homework Assignments and Final Project

Bayesian Methods and Design (Fall 2008, 2010, Spring 2013)

- Course Website and Lecture Notes
- Homework Assignments

Biostatistical Computing (Fall 2011-13)

- Course Website and Lecture Notes
- Computer Lab Instructions and Exercises
- Homework Assignments and Final Project

Biostatistical Methods II (Spring 2009, 2011)

- Course Website and Lecture Notes
- Computer Lab Instructions and Exercises
- Homework Assignments and Exams

Biostatistical Methods in Categorical Data Analysis (Spring 2007-08, 2010)

- Course Website and Lecture Notes
- Homework Assignments and Exams

Biostatistics Seminar for Radiation Oncology (Fall 2010, 2012)

- Lecture Notes

Introduction to Biostatistics (Fall 2001; Spring, Summer and Fall 2002; Spring 2006)

- Course Website and Lecture Notes
- Computer Lab Instructions and Exercises
- Homework Assignments and Exams

Iowa Summer Institute in Biostatistics (Summer 2009-12)

- Lecture Notes
- Research Projects

Matrix Theory for Biostatistics (Fall 2009)

- Course Website and Lecture Notes
- Homework Assignments

III. SCHOLARSHIP

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

1. Peer-Reviewed Papers

1. Field RW, Smith BJ, Lynch CF. (1998) Ecologic Bias Revisited, a Rejoinder to Cohen's Response to "Residential Rn-222 Exposure and Lung Cancer: Testing the Linear No-threshold Theory with Ecologic Data". *Health Physics*, 75(1), 31-33.
2. Smith BJ, Field RW, Lynch CF. (1998) Residential Rn-222 Exposure and Lung Cancer: Testing the Linear No-threshold Theory with Ecologic Data. *Health Physics*, 75(1), 11-17. PMC: 9645661
3. Field RW, Smith BJ, Brus CP, Lynch CF, Neuberger JS, Steck DJ. (1998) Retrospective Temporal and Spatial Mobility of Adult Iowa Women. *Risk Analysis*, 18(5), 575-584. PMC: 9853393
4. Fisher EL, Field RW, Smith BJ, Lynch CF, Steck DJ, Neuberger S. (1998) Spatial Variation of Residential Radon Concentrations: The Iowa Radon Lung Cancer Study. *Health Physics*, 75(5), 506-513. PMC: 9790560
5. Field R, Smith BJ, Lynch CF. (1999) Cohen's Paradox. *Health Physics*, 77(3), 328-329.
6. Field R, Lynch CF, Steck DJ, Smith BJ, Brus CP, Neuberger JS, Woolson RF, Fisher EF, Platz CE, Robinson RA. (1999) Iowa Radon Lung Cancer Study. *Radiation Research*, 151, 101-103.

7. Field RW, Smith BJ, Lynch CF. (1999) Response to Straja and Moghissi Concerning Ecologic Studies. *Health Physics*, 76(3), 318-319.
8. Field RW, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger jS, Platz CE, Robinson RA, Woolson RF, Lynch CF. (2000) Residential Radon Gas Exposure and Lung Cancer: The Iowa Radon Lung Cancer Study. *American Journal of Epidemiology*, 151(11), 1091-1102. PMC: 10873134
9. Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF. (2001) The Iowa Radon Lung Cancer Study Phase I: Residential Radon Gas Exposure and Lung Cancer. *The Science of the Total Environment*, 272, 67-72. PMC: 11379939
10. Field R, Smith BJ, Steck DJ, Lynch CF. (2002) Residential Radon Exposure and Lung Cancer: Variation in Risk Estimates using Alternative Exposure Scenarios. *Journal of Exposure Analysis & Environmental Epidemiology*, 12(3), 197-203. PMC: 12032816
11. Joudi FN, Smith BJ, O'Donnell MA, Konety B. (2003) Contemporary Management of Superficial Bladder Cancer in the United States: A Pattern of Care Analysis. *Urology*, 62, 1083-1088. PMC: 14665360
12. Rose SL, Goodheart MJ, DeYoung BR, Smith BJ, Buller RE. (2003) p21 Expression Predicts Outcome in p53-null Ovarian Cancer. *Clinical Cancer Research*, 9, 1028-1032. PMC: 12631602
13. Rose SL, Robertson AD, Goodheart MJ, Smith BJ, DeYoung BR, Buller RE. (2003) The Impact of p53 Protein Core Domain Structural Alteration on Ovarian Cancer Survival. *Clinical Cancer Research*, 9, 4139-4144. PMC: 14519637
14. Stone PJ, Goodheart MJ, Rose SL, Smith BJ, DeYoung BR, Buller RE. (2003) The Influence of Microvessel Density on Ovarian Carcinogenesis. *Oncology*, 90, 566-571. PMC: 13678725
15. Field R, Smith BJ, Platz CE, Robinson RA, Neuberger JS, Brus CP, Lynch CF. (2004) Lung Cancer Histologic Type in the Surveillance, Epidemiology, and End Results Registry versus Independent Review. *Journal of the National Cancer Institute*, 96, 1105-1107. PMC: 15265973
16. Eichholz AC, Van Voorhis BJ, Sorosky JI, Smith BJ, Sood AK. (2004) Operative note dictation: should it be taught routinely in residency programs? *Obstetrics & Gynecology*, 103(2), 342-346. PMID: 14754706
17. Dennis LK, Snetselaar LG, Smith BJ, Stewart RE, Robbins ME. (2004) Problems with the Assessment of Dietary Fat in Prostate Cancer Studies. *American Journal of Epidemiology*, 160(5), 436-444. PMC: 15321840
18. Humann MJ, Donham KJ, Jones ML, Achutan C, Smith BJ. (2005) Occupational Noise Exposure Assessment in Intensive Swine Farrowing Systems: Dosimetry, Octave Band, and Specific Task Analysis. *Journal of Agromedicine*, 10(1), 23-37. PMC: 15927915
19. Robinson JG, Smith BJ, Maheshwari N, Schrott H. (2005) Pleiotropic Effects of Statins: Benefit Beyond Cholesterol Reduction? A Meta-regression Analysis. *Journal of the American College of Cardiology*, 46(10), 1855-1862. PMC: 16286171

20. Yang GS, Bishop W, Smith BJ, Goudy S, Bauman NM. (2005) Radiographic and Endoscopic Measurement of Esophageal Length in Pediatric Patients. *The Annals of Otolaryngology, Rhinology, and Laryngology*, 114(8), 587-592.
21. Jacobson GM, Kamath RS, Smith BJ, Goodheart MJ. (2005) Thromboembolic Events in Patients Treated with Definitive Chemotherapy and Radiation Therapy for Invasive Cervical Cancer. *Gynecologic Oncology*, 96, 470-474. PMC: 15661237
22. Bowles JA, Wang S, Link BK, Allan B, Beuerlein G, Campbell M, Marquis D, Ondek B, Wooldridge JE, Smith BJ, Breitmeyer JB, Weiner GJ. (2006) Anti-CD20 Monoclonal Antibody with Enhanced Affinity for CD16 Activates NK Cells at Lower Concentrations and More Effectively than Rituximab. *Blood*, 108(8), 2648-2654. PMC: 16825493
23. Jacobson G, Betts V, Smith BJ. (2006) Change in Volume of Lumpectomy Cavity during External Beam Irradiation of the Intact Breast. *International Journal of Radiation Oncology, Biology, and Physics*, 65(4), 116-1164. PMC: 16682143
24. Weyer PJ, Smith BJ, Feng ZF, Kantamneni JR, Riley DG. (2006) Comparison of Nitrate Levels in Raw Water and Finished Water from Historical Monitoring Data on Iowa Municipal Drinking Water Supplies. *Environmental Monitoring and Assessment*, 116(1-3), 81-90. PMC: 16779582
25. Smith BJ, Field RW. (2006) Effect of Housing Factors and Surficial Uranium on the Spatial Prediction of Residential Radon in Iowa. *Environmetrics*, 18(5), 481-497.
26. Zhang Y, Smith BJ, Spitz DR, Oberley LW. (2006) Enzymatic Activity is Necessary for the Tumor Suppressive Effects of MnSOD. *Antioxidants and Redox Signaling*, 8(7-8), 1282-1293. PMC: 16910776
27. Konety BR, Veerasathpurush A, Modak S, Smith BJ, Luft HS. (2006) Mortality After Major Surgery for Urologic Cancers in Specialized Urology Hospitals: Are They Any Better? *Journal of Clinical Oncology*, 24(13), 2006-2012.
28. Slane BG, Alykin-Burns N, Andrekopoulos C, Kalyanaraman B, Smith BJ, Domann FE, Spitz DR. (2006) Mutation of Succinate Dehydrogenase Subunit C Results in Increased O₂^{•-}, Oxidative Stress, and Genomic Instability. *Cancer Research*, 66(15), 7615-7620. PMC: 16885361
29. Joudi FN, Smith BJ, O'Donnell MA. (2006) National BCG-Interferon Phase 2 Investigator Group. Final Results from a National Multicenter Phase II Trial of Combination Bacillus Calmette-Guérin plus Interferon α -2B for Reducing Recurrence of Superficial Bladder Cancer. *Urologic Oncology*, 24(4), 344-348. PMC: 16818189
30. Lal G, Padmanabha L, Smith BJ, Nicholson RM, Howe JR, O'Dorisio MS, Domann FE. (2006) RIZ1 is Epigenetically Inactivated by Promoter Hypermethylation in Thyroid Carcinoma. *Cancer*, 107(12), 2752-2759. PMC: 17103461
31. Liu J, Du J, Zhang YJ, Sun W, Smith BJ, Oberley LW, Cullen JJ. (2006) Suppression of the Malignant Phenotype in Pancreatic Cancer by Overexpression of Phospholipid Hydroperoxide Glutathione Peroxidase. *Human Gene Therapy*, 17(1), 105-116. PMC: 16409129

32. Joudi FN, Smith BJ, O'Donnell MA, Konety BR. (2006) The Impact of Age on Response of Patients with Superficial Bladder Cancer to Intravesical Immunotherapy. *The Journal of Urology*, 175(5), 1634-1640. PMC: 16600718
33. Smith BJ. (2007) boa: An R Package for MCMC Output Convergence Assessment and Posterior Inference. *Journal of Statistical Software*, 21(11), 1-37.
34. Smith BJ, Crowles MK. (2007) Correlating Point-Referenced Radon and Areal Uranium Data Arising from a Common Spatial Process. *Journal of Royal Statistical Society, Series C*, 56(3), 313-326.
35. Simons AL, Fath MA, Mattson DM, Smith BJ, Walsh SA, Graham MM, Hichwa RD, Buatti JM, Dornfeld K, Spitz DR. (2007) Enhanced Response of Human Head and Neck Cancer Xenograft Tumors to Cisplatin Combined with 2-deoxy-D-glucose Correlates with Increased 18F-FDG Uptake as Determined by PET Imaging. *International Journal of Radiation Oncology, Biology, Physics*, 69(4), 1222-1230. PMC: 17967311
36. Smith BJ, Zhang L, Field R. (2007) Iowa Radon Leukemia Study: A Hierarchical Population Risk Model for Spatially Correlated Exposure Measured with Error. *Statistics in Medicine*, 26, 4619-4642. PMC: PMID17373673
37. Oleson JJ, Smith BJ, Kim H. (2007) Joint Spatio-Temporal Modeling of Low Incidence Cancers Sharing Common Risk Factors. *Journal of Data Science*, 6(1), 105-124.
38. Clava-Cerqueira D, Smith BJ, Hostetler ML, Lal G, Menda Y, O'Dorisio TM, Howe JR. (2007) Minimally Invasive Parathyroidectomy and Preoperative MIBI Scans: Correlation of Gland Weight and Preoperative PTH with MIBI Scans. *Journal of the American College of Surgeons*, 205(Suppl 4), S38-44. PMC: 17916517
39. Teoh ML, Sun W, Smith BJ, Oberley LW, Cullen JJ. (2007) Modulation of Reactive Oxygen Species in Pancreatic Cancer. *Clinical Cancer Research*, 13(24), 7441-7450. PMC: 18094428
40. Zhang Z, Smith BJ, Steck DJ, Guo Q, Field RW. (2007) Variation in Yearly Residential Radon Concentrations in the Upper Midwest. *Health Physics*, 93(4), 288-297. PMC: 17846525
41. Coleman MC, Asbury CR, Daniels D, Du J, Aykin-Burns N, Smith BJ, Li L, Spitz DR, Cullen JJ. (2008) 2-Deoxy-D-Glucose Causes Cytotoxicity, Oxidative Stress, and Radiosensitization in Pancreatic Cancer. *Free Radical Biology Medicine*, 44(3), 322-331. PMC: 18215740
42. Goodheart M, Jacobson G, Smith BJ, Zhou L. (2008) Chemoradiation for Invasive Cervical Cancer in Elderly Patients: Outcomes and Morbidity. *International Journal of Gynecological Cancer*, 18(1), 95-103. PMC: 17466049
43. Lal G, Padmanabha L, Nicholson R, Smith BJ, Zhang L, Howe JR, Robinson RA, O'Dorisio S. (2008) ECM1 Expression in Thyroid Tumors - A Comparison of Real-Time RT-PCR and Immunohistochemistry. *Journal of Surgical Research*, 149(1), 62-68. PMC: 18374945
44. Olson AK, Smith MC, Ryken TC, Hitchon PW, Pennington EC, Smith BJ, Bayouth JE, Buatti JM. (2008) Frameless stereotactic radiosurgery for treatment of intracranial metastases *International Journal of Radiation Oncology, Biology, and Physics*, 72(1), S203.

45. Mazumdar S, Rushton G, Smith BJ, Zimmerman D, Donham KJ. (2008) Geocoding Accuracy and the Recovery of Relationships between Environmental Exposures and Health. *International Journal of Health Geographics*, 7, 13. PMC: 18387189
46. Smith BJ, Oleson JJ. (2008) Geostatistical Hierarchical Model for Temporally Integrated Data Measured with Error. *Journal of Agricultural, Biological, and Environmental Statistics*, 13(2), 140-158.
47. Weydert CJ, Zhang Y, Sun W, Waugh TA, Teoh ML, Andringa KK, Aykin-Burns N, Spitz DR, Smith BJ, Oberley LW. (2008) Increased Oxidative Stress Created by Adenoviral MnSOD or CuZnSOD plus BCNU (1,3-bis(2-chloroethyl)-1-nitrosourea) Inhibits Breast Cancer Cell Growth. *Free Radical Biological Medicine*, 44(5), 856-867. PMC: 18155673
48. Van De Wetering CI, Coleman MC, Spitz DR, Smith BJ, Knudson M. (2008) Manganese Superoxide Dismutase Gene Dosage Affects Chromosomal Instability and Tumor Onset in a Mouse Model of T Cell Lymphoma. *Free Radical Biology Medicine*, 44(8), 1677-1686. PMC: 18291119
49. Adam LA, Smith BJ, Calva-Cerqueira D, Howe JR, Lal G. (2008) Role for Limited Neck Exploration in Young Adults with Apparently Sporadic Primary Hyperparathyroidism. *World Journal of Surgery*, 32(7), 1518-1524. PMC: 18335277
50. Khanna G, O'Dorisio MS, Menda Y, Glasier C, Deyoung B, Smith BJ, Graham M, Juweid M. (2008) Somatostatin Receptor Scintigraphy in Surveillance of Pediatric Brain Malignancies. *Pediatric Blood & Cancer*, 50(3), 561-566. PMC: 17387742
51. Dennis LK, VanBeek MJ, Beane Freeman LE, Smith BJ, Dawson DV, Coughlin JA. (2008) Sunburns and Risk of Cutaneous Melanoma: Does Age Matter? A Comprehensive Meta-analysis. *Annals of Epidemiology*, 18(8), 614-627. PMC: 18652979
52. Smith BJ, Yan J, Cowles MK. (2008) Unified Geostatistical Modeling for Data Fusion and Spatial Heteroskedasticity with R Package ramps. *Journal of Statistical Software*, 25(10), 1-21.
53. Luthe G, Boy RG, Jacobus J, Smith BJ, Rahaman A, Robertson LW, Ludewig G. (2008) Xenobiotic Geometry and Media pH Determine Cytotoxicity through Solubility. *Chemical Research in Toxicology*, 21(5), 1017-1027.
54. Johnson TJ, Guidroz JA, Smith BJ, Graham MM, Scott-Conner CE, Sugg SL, Weigel RJ. (2009) A Single Institutional Experience of Factors Affecting Successful Identification of Sentinel Lymph Node in Breast Cancer Patients. *Surgery*, 146(4), 671-677.
55. Chen Y, Smith BJ. (2009) Adaptive Group Sequential Design for Phase II Clinical Trials: A Bayesian Theoretic Approach. *Statistics in Medicine*, 28(27), 3347-3362. PMC: 19725024
56. Hare ND, Smith BJ, Ballas ZK. (2009) Antibody Response to Pneumococcal Vaccination as a Function of Preimmunization Titer. *The Journal of Allergy and Clinical Immunology*, 123(1), 195-200. PMC: 3613280
57. Goodheart MJ, Rose SL, Hattermann-Zogg M, Smith BJ, De Young BR, Buller RE. (2009) BRCA2 Alteration is Important in Clear Cell Carcinoma of the Ovary. *Clinical Genetics*, 76(2), 161-167. PMC: 19656163

58. Konety BR, Raut H, Smith BJ, Sharp V, Williams RD. (2009) Effect of Uniform Consensus Recommendations for PCa Screening in Older Population: Differential Effects and Perceptions of Healthcare Providers and Patients. *Urology*, 73(3), 603-608. PMC: 19118877
59. Sun W, Kalen AL, Smith BJ, Cullen JJ, Oberley LW. (2009) Enhancing the antitumor activity of adriamycin and ionizing radiation. *Cancer Research*, 69(10), 4294-4300. PMC: 19401447
60. Lal G, Hashimi S, Smith BJ, Lynch CF, Zhang L, Robinson RA, Weigel RJ. (2009) Extracellular Matrix 1 (ECM1) expression is a novel prognostic marker for poor long-term survival in breast cancer: A hospital-based cohort study in Iowa. *Annals of Surgical Oncology*, 16(8), 2280-2287. PMID: 19521735
61. Robinson JG, Wang S, Smith BJ. (2009) Meta-Analysis of the Relationship between Non-High Density Lipoprotein Cholesterol Reduction and Coronary Heart Disease Risk. *Journal of the American College of Cardiology*, 53(4), 316-322. PMC: 1916187
62. Cowles MK, JY, Smith BJ. (2009) Reparameterized and Marginalized Posterior and Predictive Sampling for Complex Bayesian Geostatistical Models. *Journal of Computational and Graphical Statistics*, 18(2), 262-282.
63. Thomas A, Gingrich RD, Smith BJ, Jacobus L, Ristow K, Allmer C, Maurer MJ, Habermann TM, Link BK. (2010) 18-Fluoro-deoxyglucose positron emission tomography report interpretation as predictor of outcome in diffuse large B-cell lymphoma including analysis of 'indeterminate' reports. *Leukemia & Lymphoma*, 51(3), 439-446. PMC: 3122075, PMID: 20141442
64. Chen C, Johnson M, Smith BJ. (2010) Azidothymidine Enhances Fluorodeoxyuridine Mediated Radiosensitization. *International Journal of Radiation Oncology, Biology, Physics*, 76(3), 905-913. PMC: 2900777, PMID: 20159365
65. Juweid ME, Smith BJ, Itti E, Meignan M. (2010) Can the Interim Fluorodeoxyglucose-Positron Emission Tomography Standardized Uptake Value be used to determine the need for residual mass biopsy after dose-dense immunochemotherapy for Advanced Diffuse Large B-Cell Lymphoma? *Journal of Clinical Oncology*, 28(34), e719-720. PMID: 20733137
66. Olson AK, Bhatia S, Duncan C, Betts V, Smith BJ, Jacobson G. (2010) Definitive radiation therapy for the treatment of inoperable endometrial cancer: pelvic radiation followed by HDR brachytherapy or IMRT/conformal boost *International Journal of Radiation Oncology*, 78(3), S421-S422.
67. Morton CM, Peterson NA, Schneider JE, Smith BJ, Armstead TL. (2010) Tobacco Sales in Community Pharmacies: Remote Decisions and Demographic Targets. *Journal of Community Psychology*, 38(1), 39-48.
68. Du J, Liu J, Smith BJ, Tsao MS, Cullen JJ. (2011) Role of Rac1-dependent NADPH oxidase in the growth of pancreatic cancer *Cancer Gene Therapy*, 18(2), 135-143. PMC: 3058504, PMID: 21037555
69. Aykin-Burns N, Slane BG, Liu AT, Owens KM, O'Malley MS, Smith BJ, Domann FE, Spitz DR. (2011) Sensitivity to low-dose/low-LET ionizing radiation in mammalian cells harboring mutations in succinate dehydrogenase subunit C is governed by mitochondria-derived

reactive oxygen species. *Radiation Research*, 175(2), 150-158. PMC: 3080019, PMID: 21268708

70. Bauer C, Sun S, Sun W, Wallace A, Smith BJ, Sunderland JJ, Graham MM, Sonka M, Buatti JM, Beichel RR. (2012) Automated measurement of uptake in cerebellum, liver, and aortic arch in full-body FDG PET/CT scans. *Medical Physics*, 39(6), 3112-3123. PMC: 3365916, PMID: 22755696
71. Esser AK, Miller MR, Huang Q, Meier MM, Bernabe DB, Stipp CS, Campbell KP, Lynch CF, Smith BJ, Cohen MB, Henry MD. (2012) Loss of LARGE2 disrupts functional glycosylation of alpha-dystroglycan in prostate cancer *Journal of Biological Chemistry*, 288(4), 2132-2142. PMC: 3554886, PMID: 23223448
72. Zent CS, Smith BJ, Ballas ZK, Wooldridge JE, Link BK, Call TG, Shanafelt TD, Bowen DA, Kay NE, Witzig TE, Weiner GJ. (2012) Phase I clinical trial of CpG oligonucleotide 7909 (PF-03512676) in patients with previously treated chronic lymphocytic leukemia. *Leukemia & Lymphoma*, 53(2), 211-217. PMC: 3438221, PMID: 2181253
73. Harshman LA, Barron S, Button AM, Smith BJ, Link BK, Lynch CF, Denburg NL. (2012) Population-based exploration of academic achievement outcomes in pediatric acute lymphoblastic leukemia survivors. *Journal of Pediatric Psychology*, 37(4), 458-466. PMC: 3334536, PMID: 2227179
74. Jacobson G, Bhatia S, Smith BJ, Button AM, Bodeker K, Buatti J. (2012) Randomized trial of Pentoxifylline and Vitamin E vs standard follow-up after breast irradiation to prevent breast fibrosis, evaluated by tissue compliance meter. *International Journal of Radiation Oncology, Biology, Physics*, 85(3), 604-608. PMID: 22846413
75. Du J, Nelson ES, Simons AL, Olney KE, Moser JC, Wagner BA, Buettner GR, Smith BJ, Teoh ML, Tsao M, Cullen JJ. (2012) Regulation of pancreatic cancer growth by superoxide. *Molecular Carcinogenesis*, 52(7), 555-567. PMC: 3375391, PMID: 22392697
76. Sun RC, Button AM, Smith BJ, Hoshi H, Leblond RF, Howe JR, Mezhir JJ. (2013) A comprehensive assessment of transfusion in elective pancreatectomy: Risk factors and complications. *Journal of Gastrointestinal Surgery*, 17(4), 627-635. PMID: 23423430
77. Witzig TE, Wiseman GO, Maurer MJ, Habermann TM, Micallef I, Nowakowski GS, Ansell SM, Colgan JP, Inwards DJ, Porrata LF, Link BK, Zent CS, Johnston PB, Shanafelt TD, Allmer C, Asmann YW, Gupta M, Ballas ZK, Smith BJ, Weiner GJ. (2013) A phase I trial of immunostimulatory CpG 7909 Oligodeoxynucleotide and 90Yttrium Ibritumomab Tiuxetan radioimmunotherapy for relapsed B-cell non-Hodgkin lymphoma. *American Journal of Hematology*, 88(7), 589-593. PMC: 3951424, PMID: 23619698
78. Bauer C, Krueger M, Lamm WJ, Smith BJ, Glenny RW, Beichel RR. (2013) Airway tree segmentation in serial block-face cryomicrotome images of rat lungs. *IEEE Transactions on Biomedical Engineering*, 61(1), 119-130. PMC: 3925465, PMID: 2355692
79. Tompkins VS, Han S, Olivier A, Syrbu S, Bair T, Buttoon A, Jacobus L, Wang Z, Raychaudhuri P, Morse III HC, Weiner G, Link B, Smith BJ, Janz S. (2013) Identification of candidate B-lymphoma genes by cross-species gene expression profiling. *PLOS ONE*, 8(10), e76889. PMC: 3793908, PMID: 24130802

80. Allen BG, Bahatia SK, Buatti JM, Lindholm KE, Button AM, Szweda LI, Smith BJ, Spitz DR, Fath MA. (2013) Ketogenic diets enhance oxidative stress and radio-chemo-sensitization of human lung cancer xenografts. *Clinical Cancer Research*, 19(14), 3905-3913. PMC: 3954599, PMID: 23743570
81. Jacobus JJ, Duda CG, Coleman MC, Martin SM, Mapuskar K, Mao G, Smith BJ, Aykin-Burns N, Guida P, Gius D, Domann FE, Knudson CM, Spitz DR. (2013) Low-dose radiation-induced enhancement of thymic lymphomagenesis in Lck-Bax mice is dependent on LET and gender *Radiation Research*, 180(2), 156-165. PMC: 3821998, PMID: 23819597
82. Nadkarni NJ, Geest KD, Neff T, Young BD, Bender DP, Ahmed A, Smith BJ, Button A, Goodheart MJ. (2013) Microvessel density and p53 mutations in advanced-stage epithelial ovarian cancer. *Cancer Letters*, 331(1), 99-104. PMID: 23268330
83. Barnes KT, Smith BJ, Lynch CF, Gupta A. (2013) Obesity and Invasive Penile Cancer. *European Urology*, 63(3), 588-59. PMID: 23219085
84. Muniz VP, Askeland RW, Zhang X, Reed SM, Tompkins VS, Hagen J, McDowell BD, Button A, Smith BJ, Weyedert JA, Mezhir JJ, Quelle DE. (2013) RABL6A promotes oxaliplatin resistance in tumor cells and is a new marker of survival for resected pancreatic ductal adenocarcinoma patients *Genes & Cancer*, 4(7-8), 273-284. PMC: 3807645, PMID: 24167655
85. Oleson JJ, Kumar N, Smith BJ. (2013) Spatiotemporal modeling of irregularly spaced aerosol optical depth data. *Environmental and Ecological Statistics*, 20(2), 297-314.
86. Smith BJ, Mezhir JJ. (2014) An Interactive Bayesian Model for Prediction of Lymph Node Ratio and Survival in Pancreatic Cancer Patients *Journal of the American Medical Informatics Association*, epub ahead of print (doi:10.1136/amiajnl-2013-002171). PMID: 24444460
87. Hoover AC, Milhem MM, Anderson CM, Sun W, Smith BJ, Hoffman HT, Buatti JM. (2014) Efficacy of nelfinavir as monotherapy in refractory adenoid cystic carcinoma: Results of a phase II clinical trial *Head & Neck*, DOI: 10.1002/hed.23664. PMID: 24596143
88. McDowell BD, Chapman CG, Smith BJ, Button AM, Mezhir JJ. (2014) Pancreatectomy Predicts Improved Survival for Pancreatic Adenocarcinoma: Results of an Instrumental Variable Analysis *Annals of Surgery*, Jun 27. [Epub ahead of print]. PMID: 24979599
89. McGuire SM, Menda Y, Ponto LL, Gross B, TenNapel M, Smith BJ, Bayouth JE. (2014) Spatial mapping of functional pelvic bone marrow using FLT PET *Journal of Applied Clinical Medical Physics*, 15(4), 129-136.
90. Bedford RL, Lourens SG, Lynch CF, Smith BJ, Field R. (2014) Utility of death certificate data in predicting cancer incidence. *American Journal of Industrial Medicine*, 57(2), 153-162. PMC: 3951491, PMID: 24037961
91. Muruganandham M, Clerkin PP, Smith BJ, Anderson CM, Morris A, Capizzano AA, Magnotta V, McGuire SM, Smith MC, Bayouth JE, Buatti JM. (2014) 3-Dimensional Magnetic Resonance Spectroscopic Imaging at 3 Tesla for Early Response Assessment of Glioblastoma Patients During External Beam Radiation Therapy *International Journal of Radiation Oncology, Biology, and Physics*, <http://dx.doi.org/10.1016/j.ijrobp.2014.05.014>. PMID: 24986746 (In Press)

92. Xia C, Leon-Ferre R, Laux D, Deutsch J, Smith BJ, Frees M, Milhem M. (2014) Treatment of Resistant Metastatic Melanoma Using Sequential Epigenetic Therapy (Decitabine and Panobinostat) Combined with Chemotherapy (Temozolomide) *Cancer Chemotherapy and Pharmacology*, DOI 10.1007/s00280-014-2501-1. PMID: 25062770 (In Press)

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

3. Books/Monographs

4. Chapters

5. Electronic Publications

1. Smith BJ. (2008) boa: Bayesian Output Analysis Program (BOA) for MCMC, Version 1.1.7. cran.r-project.org/package=boa.
2. Smith BJ. (2013) magma: Matrix Algebra on GPU and Multicore Architectures, Version 0.2. cran.r-project.org/package=magma.
3. Smith BJ, Yan J, Cowles MK. (2013) ramps: Bayesian Geostatistical Modeling with RAMPS, Version 0.6. cran.r-project.org/package=ramps.
4. Smith BJ, Deonovic B. (2014) Mamba: Markov chain Monte Carlo for Bayesian analysis in julia <https://github.com/brian-j-smith/Mamba.jl>.
5. Smith BJ. (2014) Survival Calculator for Surgically Treated Pancreatic Cancer <http://www.myweb.uiowa.edu/bjsmith/pancreas/>.

6. Abstracts

1. Nguyen TN, Smith BJ, McCready C, O'Donnell A, Konety BR. (2002) Impact of Intravesical BCG plus Interferon-Alpha (IFN- α) Therapy for Superficial Bladder Cancer on Quality of Life. *American Urological Association 2002 Annual Meeting*.
2. Stone PB, Goodheart MJ, Rose SL, Smith BJ, DeYoung BR, Buller RE. (2002) The Influence of Microvessel Density on Ovarian Carcinogenesis. *Western Association of Gynecologic Oncologists 2002 Annual Meeting*.
3. Rose SL, Goodheart MJ, DeYoung BR, Smith BJ, Blake LM, Buller RE. (2002) The Relationship between p21 Expression and p53 Gene Mutation impacts Ovarian Cancer Survival. *American Association for Cancer Research 2002 Annual Meeting*.
4. Jacobson GM, Betts VL, Smith BJ. (2004) Correlation of Two Dimensional Simulation Film Measurements with Ipsilateral Lung Dose-Volume Histograms Determined by Three Dimensional Treatment Planning for Chest Wall Radiation Following Mastectomy. *Radiological Society of North America 2004 Annual Meeting*.
5. Chang BK, Goodheart MJ, Smith BJ, Jacobson G. (2004) Outcome and Pattern of Failure in Pathologic Stage I Endometrial Cancer Treated with Surgery and Pelvic Lymph Node Sampling Alone. *American Society for Therapeutic Radiation and Oncology 2004 Annual Meeting*.

6. Jacobson G, Betts V, Smith BJ. (2005) Change in Volume of Lumpectomy Cavity during External Beam Irradiation of the Intact Breast. *American Society for Therapeutic Radiology and Oncology 2005 Annual Meeting*.
7. Rich NT, Smith BJ, Vaena DA. (2006) Correlation of statin use and duration with increased survival in hormone refractory prostate cancer. *American Society of Clinical Oncology 2006 Annual Meeting*.
8. Scott-Conner CE, Romitti PA, Lynch CF, Wilkinson N, Lal G, Zhou L, Smith BJ. (2006) Influence of Pregnancy on Breast Cancer Tumor Characteristics and Mortality in Iowa Women. *American Society of Clinical Oncology 2006 Annual Meeting*.
9. Calva-Cerqueira D, Smith BJ, Hostetler ML, Menda Y, O'Dorisio TM, Howe JR. (2006) Minimally Invasive Parathyroidectomy and Preoperative MIBI Scans: Threshold Values for Gland Weight and Preoperative PTH and Positive Predictive Value of MIBI Scans. *American Association of Endocrine Surgeons 2006 Annual Meeting*.
10. Wilkinson N, Howe J, Scott-Conner C, Smith BJ, Donohue J. (2006) Risk Factors and Management of Proximal and Distal Gastric Cancer in the United States: Results of the 2001 Gastric Patient Care Evaluation *Society of Surgical Oncology 2006 Annual Meeting*.
11. Wilkinson N, Howe J, Scott-Conner C, Smith BJ, Donohue J. (2006) Risk Factors and Management of Proximal and Distal Gastric Cancer in the United States: Results of the 2001 Gastric Patient Care Evaluation. *American Society of Clinical Oncology 2006 Gastrointestinal Cancers Symposium*.
12. Khanna G, O'Dorisio MS, Juweid M, Menda Y, Graham M, Glasier C, O'Dorisio T, Smith BJ, Young BD, Sato Y. (2006) Somatostatin Receptor Scintigraphy for Post-therapy Surveillance of Pediatric Central Nervous System Tumors. *2006 Carcinoid/NET Physician Symposium*.
13. Adam LA, Smith BJ, Calva-Cerqueira D, Howe JR, Lal G. (2006) Young and Single: The Case for Limited Neck Exploration in Young Adults with Sporadic Primary Hyperparathyroidism. *2006 Annual Meeting of the American Association of Endocrine Surgeons*.
14. Jacobson GM, Bender DP, Smith BJ. (2008) High-Dose-Rate Intracavitary Brachytherapy Combined with External Radiotherapy for Medically Inoperable Endometrial Cancer *2008 American Brachytherapy Society Breast Brachytherapy and Brachytherapy Physics School*.
15. Robinson JG, Wang S, Smith BJ, Jacobson TJ. (2008) Meta-Analysis of the Relationship between Non-High Density Lipoprotein Cholesterol Reduction and Coronary Heart Disease Risk. *American Heart Association Scientific Sessions*.
16. Johnson MT, Guidroz JA, Smith BJ, Graham MM, Scott-Conner CH, Snugg SL, Weigel RJ. (2009) A Single Institutional Experience of Factors Affecting Successful Identification of Sentinel Lymph Node in Breast Cancer Patients *Central Surgical Association Annual Meeting*.

7. Other

1. Smith BJ. (2001) A Bayesian framework for analyzing exposure data from the Iowa radon lung cancer study *University of Iowa*.

B. Areas of Research Interest/Current Projects

1. Bayesian Statistical Methods
2. Statistical Computing
3. Biomedical Informatics
4. Cancer Statistics

C. Sponsored Research (ALL grants, least to most recent)
(if you are not the PI, state your role or contributions - in a few sentences)

1. Grants Received

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
5 P30 CA086862 National Cancer Institute Cancer Center Support Grant George J. Weiner <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	25% 25%	\$1,518,362 07/14/2000-03/31/2016
5 R01 CA85942-2 National Cancer Institute Iowa and Missouri Radon Lung Cancer Studies R. William Field <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	6.5% 6.5%	\$250,000 01/17/2001-12/31/2005
5 P50 CA097274 National Cancer Institute Specialized Program of Research Excellence (SPORE) George Weiner <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician Core Director</i>	7%	\$1,229,602 09/11/2002-06/30/2017
CPH-COM New Investigator Award Bayesian Models for Meta-Analysis: The Impact of Dietary Fat Intake on Prostate Cancer Brian J. Smith <i>Principal Investigator</i>	0% 0%	\$5,000 01/01/2003-01/31/2003

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
N01-PC-35143 Evaluation of the Edit Process as Applied to Lung Cases (SEER) Charles F. Lynch <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	2.5% 2.5%	\$2,788,639 08/01/2003-09/30/2007
5883CA02 Iowa Department of Public Health Comprehensive Assessment of Rural Health in Iowa Kelly J. Donham <i>Principal Investigator</i> Brian J. Smith <i>Consultant</i>	10% 10%	\$396,981 01/01/2004-08/31/2006
RSGPB-04-008-01-CPPB American Cancer Society Cumulative Sun Exposure and Melanoma: A Meta-Analysis Leslie K. Dennis <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	10% 10%	\$261,000 01/01/2004-12/31/2005
PC030310 Department of Defense Sexually Transmitted Infections as a Risk Factor for Prostate Cancer among Military Personnel Leslie K. Dennis <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	6% 6%	\$553,125 04/01/2004-01/01/2007
W911SR-05-C-005 Department of Defense Epidemiological and Medical Monitoring Proposal of Former Department of Defense Workers at the Iowa Army Ammunitions Plant in Middletown, Iowa Laurence J. Fuortes <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	10%	\$800,000 08/29/2005-09/28/2010

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
X81XWH-05-1-0536 DOD Ad5-TRAIL Gene Therapy for Prostate Cancer Richard Williams <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	5% 5%	\$190,000 05/19/2006-07/01/2008
1 T32 GM077973-01 NIH/NIGMS Statistics in Microbiology, Infectious Diseases & Bioinformatics Kathryn M. Chaloner <i>Principal Investigator</i> Brian J. Smith <i>Mentor</i>	0% 0%	08/01/2006-06/30/2011
1 R01 CA130916-02 NIH Role of Dystroglycan in Prostate Cancer Progression Michael Henry <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	5%	\$229,476 07/10/2008-05/31/2013
R21 CA134198-01A1 NIH Dosimetry in Children and Young Adults with Neuroblastoma or Neuroendocrine Tumors Sue O'Dorisio <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	3%	\$338,339 08/01/2008-07/31/2011
1 R21 CA141840-01 NIH ARRA: Dosimetry Guided Phase II of 90Y-DOTA-tyr3-Octreotide + Retinoic Acid in Kids Sue O'Dorisio <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	2%	\$220,000 08/15/2009-07/31/2011

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
5 T15 HL097622 NIH Iowa Summer Institute in Biostatistics (ISIB) Kathryn M. Chaloner <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	4%	\$217,159 08/20/2009-02/28/2016
T15HL097622-01 NHLBI Iowa Summer Institute in Biostatistics (ISIB) Kathryn M. Chaloner <i>Principal Investigator</i> Brian J. Smith <i>Co-Principal Investigator</i>	8.3%	\$195,355 09/01/2009-07/31/2012
DE-SC0000830 DOE Mitochondrial-Derived Oxidants and Cellular Responses to Low Dose/Low LET Ionizing Radiation Douglas Spitz <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	5%	\$233,779 09/01/2009-01/01/2011
1 R21 CA137230-01A1 Mechanisms of Ascorbate-Induced Cytotoxicity in Pancreatic Cancer Joseph Cullen <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	7.5%	\$110,000 11/01/2009-06/30/2010
5 U01 CA140206 NIH Quantitative Imaging to Assess Response in Cancer Therapy Trials John Buatti <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	7%	\$350,030 04/01/2010-03/31/2015

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
0966130 NSF IGERT: Geoinformatics for Environmental and Energy Modeling and Prediction (GEEMaP) Mary K. Cowles <i>Principal Investigator</i> Brian J. Smith <i>Senior Personnel and Student Mentor</i>	0%	\$412,399 07/15/2010-06/30/2015
HCCC Oberley Seed Grant Program Gene-Environment Interaction Effects Influence the Risk of Breast, Prostate and Colorectal Cancer Brian J. Smith <i>Principal Investigator</i>	5% 0%	\$50,000 05/01/2012-04/30/2014
5 R01 CA169336 NIH Improving Pelvic Cancer Patient Chemoradiotherapy Outcomes with FLT PET Imaging Sarah McGuire <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	5%	\$201,275 09/22/2012-06/30/2015
5 R01 CA099908 NIH Targeted Therapy for Endometrial Cancer Kimberly K. Leslie <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	4%	\$162,168 07/01/2013-04/30/2018

2. Grants Pending

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
NIH Integrating Exosome MicroRNA Profile to Predict Recurrence in Endometrial Cancer Kimberly K. Leslie <i>Principal Investigator</i> Brian J. Smith <i>Co-Investigator</i>	15%	

Source Title P.I.	% Effort % Salary Support	Direct Funds Period of Funding
FDA Phase 2 Study of Ascorbate/Gemcitabine for the Treatment of Pancreatic Cancer Joseph J. Cullen <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	5%	
NIH Predicting Pulmonary Function Change to Improve Radiation Planning and Outcome John Bayouth <i>Principal Investigator</i> Brian J. Smith <i>Biostatistician</i>	5%	

D. Invited Presentations

1. Conference Presentations/Posters (least to most recent)

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1998	Indoor Radon and Risk of Lung Cancer: Iowa Radon Lung Cancer Study (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Conference on Radiation and Health, American Statistical Association, San Diego, CA	Oral Presentation
1998	Preliminary Findings of the Iowa Radon Lung Cancer Study (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Council of Radiation Control Program Directors, U.S. Environmental Protection Agency, Cherry Hill, NJ	Oral Presentation
1998	Preliminary Findings of the Iowa Radon Lung Cancer Study (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Radon Conference, American Association of Radon Scientists and Technologists, Cherry Hill, NJ	Keynote/Plenary Address
1998	Iowa Radon Lung Cancer Study: Modeling the Linear Excess Risk of Lung Cancer associated with Radon Exposure (Smith BJ)	Seminar Series, Department of Biostatistics, University of Iowa, Iowa City, IA	Oral Presentation

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
1999	What Do We Know About the Risk Posed by Residential Radon? The Iowa Radon Lung Cancer Study (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Annual Education Conference, Illinois Environmental Health Association, Peoria, IL	Oral Presentation
1999	Beyond BEIR VI – The Iowa Radon Lung Cancer Study (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Illinois Department of Nuclear Safety, Radon Professionals Conference, University of Illinois at Chicago School of Public Health, Peoria, IL	Keynote/Plenary Address
1999	The Iowa Radon Lung Cancer Study Phase I: Improved Methods for Residential Radon Exposure Assessment (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Interagency Workshop on the Role of Human Exposure Assessment in the Prevention of Environmental Disease, National Institute for Environmental Health Sciences, Rockville, MD	Oral Presentation
1999	The Iowa Radon Lung Cancer Study Phase I: Residential Radon Gas Exposure and Lung Cancer (Field R, Steck DJ, Smith BJ, Brus CP, Fisher EF, Neuberger JS, Lynch CF)	Radon in the Living Environment, European Commission, Directorate General for Science, R&D Radiation Research Unit, Athens, Greece	Oral Presentation
2000	Bayesian Spatial Analysis of Radon Exposure Data from the Iowa Radon Lung Cancer Study (Smith BJ, Cowles MK)	Annual Meeting, American Statistical Association, Iowa Chapter, Indianola, IA	Oral Presentation
2000	Bayesian Spatial Analysis of Radon Exposure Data from the Iowa Radon Lung Cancer Study (Smith BJ, Cowles MK)	Joint Statistical Meetings, American Statistical Association, Indianapolis, IN	Oral Presentation
2000	Assessing the Proportion of Treatment Effect Captured by Two Surrogate Markers Measured Longitudinally (Cowles MK, Smith BJ)	Seminar Series, Department of Biostatistics, University of Iowa, Iowa City, IA	Oral Presentation
2000	Bayesian Spatial Analysis for Data Obtained from Multiple Measurement Sources (Smith BJ, Cowles MK)	Spring Meeting, Eastern North American Region of the International Biometry Society, Chicago, IL	Oral Presentation

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2001	Bayesian Risk Analysis of Radon Exposure Data from the Iowa Radon Lung Cancer Study (Smith BJ)	Conference on Monte Carlo in the New Millennium, Department of Statistics, University of Florida, Gainesville, FL	Oral Presentation
2003	Iowa Radon Lung Cancer Study: Exposure Assessment (Field R, Lynch CF, Steck DJ, Smith BJ, Brus CP, Neuberger JS, Woolson RF, Fisher EF, Platz CE, Robinson RA)	American Chemical Society, New York City, NY	Oral Presentation
2004	Is Being Obese and Eating a Low Carbohydrate Diet the Norm among Both Sexes – A Cross Sectional Survey Study in a Rural Community of Iowa (Bardia A, Snetselaar LG, Smith BJ, Lowe J, Peterson J, Faryle N)	Annual Meeting, American College of Epidemiology, Boston, MA	Poster
2004	Modeling the Distribution of Environmental Radon Levels in Iowa: Combining Multiple Sources of Spatially Misaligned Data (Smith BJ)	Colloquium, Department of Statistics, University of Iowa, Iowa City, IA	Oral Presentation
2004	Prostate Cancer Meta-Analysis: Combining Dose-Response Data, Study-Specific Covariates, and Dietary Quality Scores (Smith BJ, Dennis L, Snetselaar LG)	Faculty Meeting, College of Public Health, University of Iowa, Iowa City, IA	Oral Presentation
2004	Iowa and Missouri Residential Radon Studies: State-of-the-Art Exposure Assessment (Field R, Steck DJ, Smith BJ, Lynch CF, Lubin JH, Parkhurst MA, Alavanja MC)	First National Cancer Institute Leadership Workshop: Tobacco, Diet, and Genes, Chicago, IL	Poster
2004	Modeling the Distribution of Radon Levels in Iowa: Combining Multiple Sources of Spatial Data (Smith BJ)	Kohn Colloquium, Department of Geography, University of Iowa, Iowa City, IA	Oral Presentation

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2004	A Bayesian Meta-Analysis of the Impact of Dietary Fat Intake on Prostate Cancer Risk (Smith BJ, Dennis L, Snetselaar LG)	Research Week, Carver College of Medicine, University of Iowa, Iowa City, IA	Poster
2004	Bayesian Statistics: An Idea Whose Time Has Come (Smith BJ)	Statistics Symposium, Arkansas State University, Jonesboro, AR	Oral Presentation
2005	Radiographic and Endoscopic Measurement of Esophageal Length in Pediatric Patients (Yang G, Bishop W, Smith BJ, Goudy S, Bauman NM)	Annual Meeting, The American Broncho-Esophago-logical Association, Boca Raton, FL	Poster
2005	Modeling the Distribution of Environmental Radon Levels in Iowa: Combining Multiple Sources of Spatially Misaligned Data (Smith BJ)	Joint Statistical Meetings, American Statistical Association, Minneapolis, MN	Oral Presentation
2005	Statistical Issues in the Study of Residential Radon (Smith BJ)	New Researcher's Conference, Institute of Mathematical Statistics, Minneapolis, MN	Oral Presentation
2005	Maspin Expression is Activated by Loss of Promoter Methylation in Ovarian Carcinoma (Rose SL, Fitzgerald MP, Geest KD, White N, Smith BJ, Domann FE)	Research Week, Carver College of Medicine and College of Public Health, University of Iowa, Iowa City, IA	Poster
2006	Fusing Point-Referenced Radon Data with Areal Uranium Data Arising from a Common Spatial Process (Cowles MK, Smith BJ)	Annual Meeting, Interface Foundation of North American, Pasadena, CA	Oral Presentation
2006	Geostatistical Hierarchical Model for Temporally Integrated Radon Measurements (Smith EM, Oleson JJ)	Conference on Radiation and Health, American Statistical Association, Pacific Grove, CA	Poster

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2006	Variation in Yearly Residential Radon Concentrations in the Upper Midwest (Zhang Z, Field R, Smith BJ, Steck BJ)	James F. Jakobsen Graduate Student Conference, University of Iowa, Iowa City, IA	Poster
2006	Variation in Yearly Residential Radon Concentrations in the Upper Midwest (Zhang Z, Field R, Smith BJ, Steck BJ)	Research Week, Carver College of Medicine and College of Public Health, University of Iowa, Iowa City, IA	Poster
2006	Venous Thromboembolic Events and Survival in Cervical Carcinoma (Lamli J, Jacobson G, Smith BJ, Goodheart MJ)	Research Week, Carver College of Medicine, University of Iowa, Iowa City, IA	Poster
2006	Influence of Pregnancy on Breast Cancer Characteristics and Receptor Status in Iowa Women (Scott-Connor CE, Romitti PA, Lynch CF, Smith BJ, Lal G, Wilkinson N)	San Antonio Breast Cancer Symposium, CTRC-AACR, San Antonio, TX	Poster
2006	Fusing Point-Referenced Radon Data with Areal Uranium Data Arising from a Common Spatial Process (Cowles MK, Smith BJ)	Seminar Series, Department of Statistics, University of Wisconsin, Madison, WI	Oral Presentation
2006	Geostatistical Hierarchical Model for Temporally Integrated Data Measured with Error (Smith BJ, Oleson JJ)	Seminar Series, Department of Biostatistics, University of Iowa, Iowa City, IA	Oral Presentation
2006	Geostatistical Hierarchical Model for Temporally Integrated Data Measured with Error (Smith BJ)	Spring Meeting, Eastern North American Region of the International Biometry Society, Tampa, FL	Oral Presentation
2007	Computing for Bayesian Spatial Estimation and Prediction with Application to Residential Radon (Cowles K, Smith BJ, Yan J)	DIMACS Workshop on Markov Chain Monte Carlo: Synthesizing Theory and Practice, Rutgers University, Piscataway, NJ	Oral Presentation

<u>Year</u>	<u>Title</u>	<u>Organization</u>	<u>Presentation Type</u>
2007	Optimal Adaptive Group Sequential Design for Phase II Clinical Trials: A Bayesian Decision Theoretical Approach (Chen Y, Smith BJ)	Midwest Biopharmaceutical Statistics Workshop, Ball State University, Muncie, IN	Poster
2007	Joint Spatio-Temporal Modeling of Low Incidence Cancers Sharing Common Risk Factors (Oleson JJ, Smith BJ)	Seminar Series, Department of Statistics, Iowa State University, Ames, IA	Oral Presentation
2008	ramps: An R Package for Unified Geostatistical Modeling of Complex Spatiotemporal Data (Smith BJ, Yan J, Cowles MK)	Spring Meeting, Eastern North American Region of the International Biometry Society, Washington, DC	Oral Presentation
2009	ramps: An R Package for Unified Geostatistical Modeling of Complex Spatiotemporal Data (Smith BJ, Yan J, Cowles MK)	Joint Statistical Meetings, American Statistical Association, Washington, DC	Oral Presentation
2009	ramps: An R Package for Unified Geostatistical Modeling of Complex Spatiotemporal Data (Smith BJ, Yan J, Cowles MK)	SAMSI Program on Space-time Analysis for Environmental Mapping, Epidemiology and Climate Change, National Science Foundation, Research Triangle Park, NC	Oral Presentation
2009	ramps: An R Package for Unified Geostatistical Modeling of Complex Spatiotemporal Data (Smith BJ, Yan J, Cowles MK)	Seminar Series, Department of Biostatistics, University of Alabama, Birmingham, AL	Oral Presentation
2010	ramps: An R Package for Unified Geostatistical Modeling of Complex Spatiotemporal Data (Smith BJ, Yan J, Cowles MK)	Innovations in Design, Analysis, and Dissemination: Frontiers in Biostatistical Methods, American Statistical Association, Kansas City, MO	Oral Presentation

IV. SERVICE

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

1. Editorships

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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2. Review Panels

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2004	Grant Review Panel for Environmental Statistics Research: Novel Analyses of Human Exposure Related Data, U.S. EPA	Reviewer
2010-2011	Cancer Biomarkers Study Section, NIH	Reviewer
2011	American Cancer Society Seed Grant, Holden Comprehensive Cancer Center, University of Iowa	Reviewer
2014	Cancer Biomarkers Study Section, NIH	Reviewer

3. Departmental, Collegiate or University Service Positions

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2002-2004	Center for Health Effects and Environmental Contaminants	Statistical Consultant
2005-2006	Li Zhou, Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa	Supervisor
2006-2012	James F. Jakobsen Conference, University of Iowa	Judge
2006-2007	Shanshan Zhao, Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa	Supervisor
2007	Seed Grant Program, Center for Global and Regional Environmental Research, University of Iowa	Reviewer
2007-2008	Lei Hua, Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa	Supervisor
2009	WISE Travel Grant, University of Iowa	Reviewer

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2010-Present	Anna Button, Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa	Supervisor
2011	Delta Omega Student Poster Session Competition, College of Public Health, University of Iowa	Judge
2011	WISE Travel Grant, University of Iowa	Reviewer
2012	Research Week, College of Public Health and Carver College of Medicine, University of Iowa	Judge
2013-Present	Sarah Bell, Biostatistics Core, Holden Comprehensive Cancer Center, University of Iowa	Supervisor

4. Professional Organizations (state and/or national)

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1992-Present	Phi Beta Kappa	Member
1999-Present	American Statistical Association	Member
2001-Present	Eastern North American Region of the International Biometric Society	Member
2002-2006	American Mathematical Association	Member
2009-2011	ENAR Regional Advisory Board	Member

B. Other Professional Service (least to most recent)

1. Referee Manuscripts/Journal Reviews

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1998-1999	Health Physics	Reviewer
1998-1999	Journal of Agricultural, Biological, and Environmental Statistics	Reviewer
2001	Journal of Toxicology & Environmental Health	Reviewer

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2001	Statistical Computing	Reviewer
2002-2003	Statistics in Medicine	Reviewer
2002	Health Physics	Reviewer
2003	Statistics and Computing	Reviewer
2004	Journal of Clinical Oncology	Reviewer
2005	Environmental and Ecological Statistics	Reviewer
2006	Environmental Health Perspectives	Reviewer
2007-Present	Journal of Clinical Oncology	Reviewer
2007	BioMed Central Pediatrics	Reviewer
2007	Circulation	Reviewer
2008	BMC Pediatrics	Reviewer
2008	Computational Statistics and Data Analysis	Reviewer
2008	Journal of Applied Statistics	Reviewer
2008	Journal of Environmental Management	Reviewer
2008	Springer Book Review	Reviewer
2008	Statistics and Computing	Reviewer
2008	Statistics in Medicine	Reviewer
2009	Environmetrics	Reviewer
2010	Statistics in Medicine	Reviewer
2011	Statistics and Computing	Reviewer
2013	International Journal of Cancer	Reviewer
2013	Journal of the American Medical Informatics Association	Reviewer

2. Organize Conference, Paper Session, etc.

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2005	Monitoring and Modeling Air Quality and its Health Effects, Joint Statistical Meetings, Minneapolis, MN	Session Chair
2009	Boosting, Ensemble Learning, and Other Data-Mining Methods, Joint Statistical Meetings, Washington, DC	Session Chair
2009	Efficient Methods for the Analysis of Spatial Data: Computing and Application, Joint Statistical Meetings, Washington, DC	Session Organizer
2010	Statistical Computing Subgroup, Epidemiology and Climate Change, SAMSI Program on Space-time Analysis for Environmental Mapping	Co-Chair

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

<u>Year</u>	<u>Organization</u>	<u>Position</u>
1996-1997	Biostatistics Student Organization, Department of Biostatistics, College of Public Health, University of Iowa	President
2001-Present	Protocol Review and Monitoring Committee, Holden Comprehensive Cancer Center	Member
2002-2003	Website Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member
2003-2004	Academic Misconduct Review Committee, College of Public Health, University of Iowa	Member
2004-2005	Faculty Council, College of Public Health, University of Iowa	Member
2005	Computing Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2006-Present	Data Safety and Monitoring Committee, Holden Comprehensive Cancer Center	Member
2006-2014	Computing Committee, Department of Biostatistics, College of Public Health, University of Iowa	Chair
2006-2007	Social Event Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member
2007-2008	Computation and Informatics Committee, College of Public Health, University of Iowa	Member
2007-2008	Departmental Self-Study Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member
2008-2014	Diversity Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member
2008-2010	Faculty Council, College of Public Health, University of Iowa	Member
2008	New Investigator Research Award Committee, College of Public Health and Carver College of Medicine, University of Iowa	Member
2009-Present	Population Research Core Advisory Committee, Holden Comprehensive Cancer Center, University of Iowa	Member
2009-2013	Promotion and Tenure Collegiate Consulting Groups, College of Public Health, University of Iowa	Member
2009	Epidemiology Internal Review Committee, College of Public Health, University of Iowa	Member
2009	Faculty Council, College of Public Health, University of Iowa	Secretary

<u>Year</u>	<u>Organization</u>	<u>Position</u>
2010-2014	Computation and Informatics Committee, College of Public Health, University of Iowa	Member
2010	Faculty Council, College of Public Health, University of Iowa	Chair
2011-2014	Faculty Search Committee, Department of Biostatistics, College of Public Health, University of Iowa	Member
2013-Present	Informatics Cluster Hire Steering Committee, Office of the Executive Vice President & Provost, University of Iowa	Member
2013	Informatics Task Force, Office of the Executive Vice President & Provost, University of Iowa	Member
2014-2015	Faculty Search Committee, Department of Biostatistics, College of Public Health, University of Iowa	Chair
2014-2015	Alph Phi Chapter, Delta Omega	Vice President

4. State Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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5. National Committees

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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6. Professionally Relevant Community Involvement

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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7. Professional Consulting

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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8. Other

<u>Year</u>	<u>Organization</u>	<u>Position</u>
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2009-Present	Delta Omega	Member
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