



Christopher James Johnson, MPH
Consulting Statistician

Education: 1992 - Graduated with MPH in Biostatistics from the University of North Carolina at Chapel Hill. Inductee Theta Chapter of Delta Omega - National Society for Graduate Studies in Public Health. Master's Paper: Lobe-specific prostate cancer detection in a high risk population: A generalized estimating equations approach.

1989 - Graduated Magna Cum Laude from the University of Connecticut with BA in Psychology. Orbison Award for Distinction in Psychology. Phi Beta Kappa.
Honor's Thesis: Lateral striatal cholinergic mechanisms involved in acute dystonic reactions in the rat.

Career

Experience: I have worked for over fifteen years as a biostatistician and epidemiologist. I am employed by the Idaho Hospital Association as the epidemiologist for the Cancer Data Registry of Idaho and also work as a statistical consultant for government, universities, and private industry. My role is to analyze data and produce information useful to program managers and other decision makers.

Epidemiologist, Cancer Data Registry of Idaho, Idaho Hospital Association.

Current projects and studies include a multi-state assessment of the accuracy of cancer mortality statistics as measured by death certificates, an examination of the association between socio-economic factors and human papillomavirus-associated cancers, record linkage methods for improving cancer surveillance data in American Indian and Alaska Native populations, and a multi-phase project to understand disparities in cancer incidence and survival in Idaho using individual and area-based measures.

Statistical Consultant.

Clients include regional medical centers, universities, departments of health, and survey research corporations. Projects include design, weighting and analysis of data from complex samples.

**Public Service
and Community**

Activities:

Present

Member, Idaho Division of Health Institutional Review Board, 2006-current

Adjunct Graduate Faculty, Boise State University, 2003-current

Member, North American Association of Central Cancer Registries GIS Committee, 2001-current



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Prior

Co-Chair, North American Association of Central Cancer Registries Data Use and Research Committee Survival Analysis Work Group, 2008-2009
Treasurer, American Statistical Association Snake River Chapter, 2003-2006
Adjunct Faculty, College of Health Professions, Idaho State University, 1996-2000
Affiliate Member, Mountain States Tumor and Medical Research Institute
Member, Research Biosafety Subcommittee, Boise VA Medical Center, 2000-2006
CDC-BRFSS Affiliate, American Statistical Association BRFSS Survey Methods Working Group, 1996-1997

Publications

Benard VB, Johnson CJ, Thompson TD, Roland KB, Lai SM, Cokkinides V, Tangka F, Hawkins NA, Lawson H, Weir HK. Examining the association between socioeconomic status and potential human papillomavirus-associated cancers. *Cancer* 2008;113(S10):2910-2918.

Espey DK, Wiggins CL, Jim MA, Miller BA, Johnson CJ, Becker TM. Methods for improving cancer surveillance data in American Indian and Alaska Native populations. *Cancer* 2008;113(S5):1120-1130.

Lambertz CK, Johnson CJ, Montgomery PG, Maxwell JR. Premedication to Reduce Discomfort during Screening Mammography. *Radiology* 2008; 248(3):765-772.

Johnson CJ, Carson SL. Cancer Disparities in Idaho, Phase I – Incidence: Understanding Disparities in Cancer Incidence Using Individual and Area-Based Measures. Boise, ID: Cancer Data Registry of Idaho; May 2007.

Becker TM, Lambert L, Puukka E, Stehr-Green P, Johnson CJ. Survival after Cancer Diagnosis among Northwest American Indians/Alaska Natives. *Journal of Registry Management* 2005; 32(2): 76-78.

Johnson CJ, Carson SL, Wick JM. An Assessment of Probabilistic Record Linkage for Death Clearance in a Central Cancer Registry. *Journal of Registry Management* 2004; 31(1): 7-10.

Becker TM, Bettles J, Lapidus J, Campo J, Johnson CJ, Shipley D, Robertson LD. Improving Cancer Incidence Estimates for American Indians and Alaska Natives in the Pacific Northwest. *American Journal of Public Health* 2002; 92(9): 1469-1471.

Hahn CG, Johnson CJ, Mack MD. Coeur d'Alene River Basin Environmental Health Exposure Assessment, Final Report. Atlanta, GA: U.S. Department of Health and Human Services, Agency for Toxic Substances and Disease Registry (2000).

Johnson CJ, Carson SL. Thyroid Cancer in Idaho 1970-1996. In Institute of Medicine and National Research Council, Exposure of the American People to Iodine-131 from Nevada Nuclear-Bomb Tests: Review of the National Cancer Institute Report and Public Health Implications (pp. 198-213). Washington, D.C.: National Academy Press (1999).

Nelson DE, Powell K, Johnson CJ, Mercy J, Grant-Worley JA. Household Firearm Storage Practices: Do Responses Differ by Whether or Not Individuals Ever Use Firearms? *American Journal of Preventive Medicine* 1999; 16(4): 298-302.



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Greenblatt JF, Dannenberg AL, Johnson CJ. Incidence of Hospitalized Injuries Among Pregnant Women in Maryland, 1979-1990. *American Journal of Preventive Medicine* 1997; 13(5): 374-379.

Cusack BJ, Mushlin PS, Johnson CJ, Vestal, RE, Olson, RD. Aging Increases the Cardiotoxicity of Daunorubicin and Daunorubicinol in the Rat. *Journal of Gerontology* 1996; 51A(5): B376-B384.

Slonim SM, Cuttino Jr JT, Johnson CJ, Yankaskas BC, Smith III JJ, Silverman ML, Libertino JA. Diagnosis of Prostatic Carcinoma: Value of Random Transrectal Sonographically Guided Biopsies. *American Journal of Radiology* 1993; 161: 1003-1006.

Gerhart D, Pisano E, Johnson C, Braeuning P, Dicke K, Burns B, Washburn D. Effect of Delayed Processing on Mammographic Phantom Object Detection. *Investigative Radiology* 1993; 28(12): 1113-1119.

Salamone JD, Johnson CJ, McCullough LD, Steinpreis RE. Lateral Striatal Cholinergic Mechanisms Involved in Oral Motor Activities in the Rat. *Psychopharmacology* 1990; 102(4): 529-534.

Selected Abstracts

Johnson CJ, Benard VB, Thompson TD, Roland KB, Lai SM, Cokkinides V, Tangka F, Hawkins N, Lawson H, Weir HK. Examining the Association between Socio-Economic Factors and Human Papillomavirus-Related Cancers. Presentation at North American Association of Central Cancer Registries Annual Meeting, June, 2008.

CJ Johnson, SL Carson. Understanding Disparities in Cancer Incidence, Stage at Diagnosis and Treatment Patterns Using Individual and Area-Based Measures. Poster presented at North American Association of Central Cancer Registries Annual Meeting, June, 2007.

CJ Johnson, SL Carson. Impact on Cancer Treatment Patterns of Great Circle Distances between Patient and Facility Addresses. Poster presented at North American Association of Central Cancer Registries Annual Meeting, June, 2006.

CJ Johnson, SL Carson, PM Harder. Associations between Fallout from Nevada Nuclear Bomb Tests and Thyroid Cancer Incidence in Idaho. Poster presented at North American Association of Central Cancer Registries Annual Meeting, June, 2005.

CJ Johnson. Breast and Cervical Cancer in Idaho. Presentation at Idaho Breast & Cervical Cancer Alliance Conference - Partnerships & Patient Focused Care, May, 2005.

Goldberger AL, Johnson CJ. Effects of physical therapy on functional and quality of life measures in adult women with urinary incontinence. *American Physical Therapy Association Journal of the Section on Women's Health* 2003; 27(3): 31-32.

Johnson CJ. Overview of the Cancer Data Registry of Idaho and Minority-Specific Data. Presentation at Idaho National Engineering and Environmental Laboratory Health Effects Subcommittee Meeting, January, 2004.

Johnson CJ. Cancer Survival in Europe and North America: NPCR Participation in the CONCORD Study. Presentation at American Statistical Association Snake River Chapter Meeting, May, 2001.



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Hunt P, Johnson CJ, Wilson MT. A Dialogue on Developing Approaches to Cover Idaho's Uninsured. Presentation at Idaho Hospital Association Annual Convention, October, 2001.

Johnson CJ. DEVCAN: Software for Calculating Probabilities of Developing or Dying of Cancer. Presentation at Rocky Mountain Cancer Data Systems Annual Users Conference, September, 2001.

Johnson CJ. Age Standardization of Cancer Incidence Rates. Presentation at American Statistical Association Snake River Chapter Meeting, June, 2001.

Johnson CJ. Cancer Trends in Idaho, 1971-1998. Presentation at Idaho National Engineering and Environmental Laboratory Health Effects Subcommittee Meeting, March, 2001.

Johnson CJ. Analyzing Data from RMCDS using SEER*Stat. Presentation and workshop at Rocky Mountain Cancer Data Systems Annual Users Conference, September, 2000.

Johnson CJ. Prostate Cancer in Idaho, 1971-1998. Presentation at Idaho Association of Cancer Data Registrars Annual Meeting, September, 2000.

DM Jozwik, NR Breier, JD Shew, CJ Johnson, & SL Carson. CDRI Internal Quality Control Audits. Poster presented at North American Association of Central Cancer Registries Annual Meeting, April, 2000.

Johnson CJ, Carson SL. Idaho Cancer Behavioral Risk Factor Survey. Poster presented at North American Association of Central Cancer Registries Annual Meeting, April, 1999.

Ryan RE, Johnson CJ, Leedy AM, Liu J, Vestal RE. Oncostatin M and IL-6 are strongly expressed in inflammatory breast tumors and induce the detachment of breast carcinoma cells from monolayers in vitro. Proc. Am. Assoc. Cancer Res., 40: 331, 1999.

Johnson CJ, Sumner K. Making the Switch: One State's Experience in Changing Sampling Methods from Waksberg to Disproportionate Stratified Random Sampling. Presentation at Behavioral Risk Factor Surveillance System Conference, May, 1997.

Special Training & Awards

- Wilderness First Responder
- Risk Assessment Guidance for Superfund (165.6). U.S. Environmental Protection Agency, 1995.
- Trauma Registry Workshop. Area Health Education Consortium of Treasure Valley, 1996.
- Central Cancer Registries: Design, Management and Use. North American Association of Central Cancer Registries, 1998.
- Basic Industry and Occupation Coding for Death Certificates. National Center for Health Statistics, 1999.
- Precertification Review Workshop. National Cancer Registrars Association, 1999.
- ESRI ArcView 8, 2002.
- The Public Health Disparities Geocoding Project Training Course, Harvard School of Public Health, 2006.
- Idaho Public Health Association Service Award, 2008