

Lauren Clarke

Summary Mr. Clarke has over 10 years experience in statistical analysis, micro simulation, data management and web-based software development. His areas of focus have been cost effectiveness analysis via simulation modeling and web-based data collection and knowledge management systems.

Employment 1999 - Present Cornerstone Systems NW Inc Lynden, WA
Director

- Founder of Cornerstone Systems Northwest Inc.
- Manager for multi-year contracts with National Institutes of Health (National Cancer Institute)
- Modeler and publication manager for numerous econometric modeling research projects in the pharmaceutical and healthcare industry

Education 1997-1998 Western Washington University Bellingham, WA
M.S. Mathematics

1988-1996 University of Victoria, Victoria BC, Canada, / Western Washington University, Bellingham WA
B.S. Mathematics / Physics

Major Projects **Pipeline and Hazardous Materials Safety Administration**

Over 2 years assisting Pipeline Safety Manager in data analysis, risk assessment, and decision analysis tools. Also providing data analysis, programming and reporting for the public-facing PHMSA Stakeholder's website.

National Cancer Institute

Knowledge management, publication support and micro simulation documentation support for a group of over 20 international cancer research organizations, primarily focused on cancer intervention and surveillance modeling. Also provided program management for public-facing web-based interfaces for models developed under this program.

Healthcare and Pharmaceutical Industry

Project Manager and designer of econometric decision analysis tools for health plan administrators evaluating cost effectiveness of novel treatments.

Recent Publications Research Papers in Peer Reviewed Journals

1. Ramsey SD, Burke W, Pinsky L, **Clarke L**, Newcomb P, Khoury MJ. Family history assessment to detect increased risk for colorectal cancer: conceptual considerations and a preliminary economic analysis. Cancer Epidemiol Biomarkers Prev. 2005 Nov;14(11 Pt 1):2494-500.

2. Ramsey S, Veenstra D, **Clarke L**, Gandhi S, Hirsch M, Penson D. Is combined androgen blockade with bicalutamide cost-effective compared with combined androgen blockade with flutamide? *Urology*. 2005 Oct;66(4):835-9.
3. Berry DA, Cronin KA, Plevritis SK, Fryback DG, **Clarke L**, Zelen M, Mandelblatt JS, Yakovlev AY, Habberna JDF, Feuer EJ. Effect of Screening and Adjuvant Therapy on Mortality from Breast Cancer. *New Eng J Med* 2005 Oct 27;353(17):12-20.
4. Ramsey S, **Clarke L**, Etzioni R, et al. Cost-Effectiveness of Microsatellite Instability Screening as a Method for Detecting Hereditary Nonpolyposis Colorectal Cancer, *Annals of Internal Medicine*. October 2001; 135:642-6
5. Urban N, McIntosh M, **Clarke L**, Jacobs I, Karlan B, Anderson G, Drescher C. Socioeconomics of ovarian cancer screening. Chapter in *Ovarian Cancer 6*, Oxford: Isis Medical Media, 1999.
6. Urban N, Drescher C, **Clarke L**, Kiviat N. Cost effectiveness analysis of ovarian cancer screening strategies. *Hungarian Journal of Gynecologic Oncology (in Hungarian)* 1997;2:169-180. Reprinted from *Ovarian Cancer 5*. Edited by Frank Sharp, Anthony Blackett, Jonathon Berek, Robert Bast. Oxford: Isis Medical Media, 1998.

Other Published Papers

1. **Clarke L**, Black S. Collaborative Development, Part 2 – Wiki Web Technology for Teams. Component Developer, EPS Software Corp, Houston TX
2. **Clarke, L**. Benford's Law – A filter for fraud. FoxTalk, Pinnacle Publishing Inc, Marietta GA
3. **Clarke, L**, Jordan P. Collaborative Development, Part 1 – Source Control. Component Developer, EPS Software Corp, Houston TX, February 2002
4. **Clarke, L**. Decorating for the Busy Developer. FoxTalk, Pinnacle Publishing Inc, Marietta GA, August 2001
5. **Clarke, L**. Static Content in a Dynamic World. Component Developer, EPS Software Corp, Houston TX, 2001