

NB: This is a very limited list. No inclusion/exclusion criteria were used to compile this list.

Aird, W. C. (2002). "Endothelial cell dynamics and complexity theory." Crit Care Med 30(5 Suppl): S180-5.

An, G. (2004). "In silico experiments of existing and hypothetical cytokine-directed clinical trials using agent-based modeling." Crit Care Med 32(10): 2050-60.

Anderson, R. A., K. N. Corazzini, et al. (2004). "Complexity science and the dynamics of climate and communication: reducing nursing home turnover." Gerontologist 44(3): 378-88.

Anderson, R. A., L. M. Issel, et al. (2003). "Nursing homes as complex adaptive systems: relationship between management practice and resident outcomes." Nurs Res 52(1): 12-21.

Brown, C. A. (2004). "Why medicine still needs a scientific foundation." The British Journal of General Practice: 404.

Butts, CT *et al.* Revisiting the Foundations of Network Analysis. *Science* 325, 414 (2009).

Cerf, R. Catastrophe theory enables moves to be detected towards and away from self-organization: the example of epileptic seizure onset. *Biol Cybern* (2006) 94: 459-468.

Chen HW, Tsai CT, She CW, Lin YC, Chiang CF. 2010. Exploring the background features of acidic and basic air pollutants around an industrial complex using data mining approach. *Chemosphere*. 2010 Sep 6.

Cilliers, P. 1998. *Complexity & Postmodernism*. London & New York: Routledge.

Clermont, G., J. Bartels, et al. (2004). "In silico design of clinical trials: a method coming of age." Crit Care Med 32(10): 2061-70.

Forbes-Thompson S, Leiker T, Bleich MR. High-performing and low-performing nursing homes: a view from complexity science. *Health Care Manage Rev*. 2007 Oct-Dec;32(4):341-51

Gaddis, J. L. (2002). The landscape of history : how historians map the past. Oxford ; New York, Oxford University Press.

Goldberg, AL. 2006. Complex systems. *Proc Am Thorac Soc*; 3: 467-472.

Gray, J. A. (1999). "Postmodern medicine." Lancet 354(9189): 1550-3.

Hawe et al. 2004. Complex interventions: how "out of control" can a randomised controlled trial be? *BMJ*, 328, 1561-63.

Higgins, J. P. (2002). "Nonlinear systems in medicine." Yale J Biol Med 75(5-6): 247-60.

Hopayian, K. (2004). "Why medicine still needs a scientific foundation-essay 1." The British Journal of General Practice: 400-401.

Heylighen, F. Five Questions on Complexity. In C. Gershenson (ed.): Complexity: 5 questions, Automatic Press / VIP. Accessed on F Heylighen website, January 2010.

Kauffman, S. 1995. *At Home in the Universe*. New York & Oxford: Oxford University Press.

Lindberg, C. Nash, S, & Lindberg, C. *On the Edge: Nursing in the Age of Complexity*. Bordentown, NJ: Plexus Press. 2008.

Lipsitz, Lewis A. Dynamics of stability: The physiologic basis of functional health and frailty. *The Journals of Gerontology*; Mar 2002; 57A, 3; B115-125.

Lurie, SJ, Fogg, TT, Dozier, AM. 2009. Social network analysis as a method of assessing institutional culture: Three case studies. *Academic Medicine*, 84:1029-1035.

Miller, W. L., B. F. Crabtree, et al. (1998). "Understanding change in primary care practice using complexity theory." *J Fam Pract* 46(5): 369-76.

Miller, W. L., R. R. McDaniel, Jr., et al. (2001). "Practice jazz: understanding variation in family practices using complexity science." *J Fam Pract* 50(10): 872-8.

Norman, CD, et al. Designing health innovation networks using complexity science and systems thinking: the CoNEKTR model. *J Eval Clin Pract*. 2010 Oct;16(5):1016-1023.

Paley, J. Complex adaptive systems and nursing. *Nurs Inq*. 2007 Sep;14(3):233-42.

Phelps, R, Hase, S. 2002. Complexity and action research: exploring the theoretical and methodological connections. *Educational Action Research*; 10: 507-523.

Plsek, PE & Wilson, T. 2001. Complexity, leadership, and management in healthcare organisations. *BMJ*;323;746-749.

Stallings, W. M. (1995). "Confessions of a quantitative educational researcher trying to teach qualitative research." *Educational Researcher*: 31-32.

Stange, K. C., S. J. Zyzanski, et al. (1998). "Illuminating the 'black box'. A description of 4454 patient visits to 138 family physicians." *J Fam Pract* 46(5): 377-89.

Sweeney, K. & Griffiths, F., Editors, 2002. *Complexity and Healthcare. An Introduction*. Oxon: Radcliffe Medical Press.

Tashakkori, A., Teddlie, C. (2003). "Issues and dilemmas in teaching research methods courses in social and behavioural sciences: US perspective." *Int. J. Social Research Methodology* 6(1): 61-77.

Tunis, SR, Stryer, DB, Clancy, CM. 2003. Practical clinical trials. *JAMA*, 290: 1624-1632.

Van Sell, S. L. & Kalofissudis, I. A. *A Complexity Nursing Theory. The Evolving Essence of the Science of Nursing*. <http://www.nursing.gr/theory/>. accessed June 23, 2006.

von Bertalanffy, L. (2005). International Society for the Systems Sciences. 2005: information about and quotes from von Bertalanffy. <http://www.isss.org/lumLVB.htm>. Accessed June 23, 2006.

Waldop, M..M.1992. Complexity. *The Emerging Science at the Edge of Order and Chaos*. New York: Simon and Schuster.

Willis, J. (2004). "Why medicine still needs a scientific foundation." *The British Journal of General Practice*: 404-405.

Wilson, T., T. Holt, et al. (2001). "Complexity science: complexity and clinical care." *BMJ* 323(7314): 685-8.

Ziman, J. (2003). *Emerging out of nature into history: The plurality of the sciences*. Cambridge, The Royal Society. 2005: 1617-1633.