

## CURRICULUM VITAE

February, 2010

Name: Richard P. Steiner

Education:

- 1985 University of Michigan, PhD degree in Biostatistics  
(Ann Arbor, MI)
- 1982 University of Michigan, MPH degree in Biostatistics  
(Ann Arbor, MI)
- 1979 Clarion State College, MS degree in Biology  
(Clarion, PA)
- 1976 Grove City College, BS degree in Biology  
cum laude, high honors in Biology (Grove City, PA)

Professional  
Experience:

- 2006 University of Akron, Office of the Senior Vice President &  
Provost, Akron, Ohio, Faculty Fellow
- 2004-Pres University of Akron, Dept. of Statistics,  
Akron, Ohio, Professor (Tenured)
- 1999-Pres NEOUMPH/CEOMPH Faculty
- 1998-2004 University of Akron, Dept. of Statistics,  
Akron, Ohio, Associate Professor (Tenured)
- 1988-1998



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Dowd, T., Kolcaba, K., Steiner, R. and D. Fashinpaur. Comparison of a healing touch, coaching, and a combined group on comfort and stress

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Novak, B., Kolcaba, K., Steiner, R. and T. Dowd. Measuring comfort in caregivers and patients during late end-of-life care. *American Journal*

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Brenner, F.J., C.M. Steiner, R.P. Steiner, and P. Molter. Effect of differential cropping on reproduction and physiological parameters in

- Bourguet, C.C., Ober, S.K., Baughman, K.R., Steiner, R.P. and H.D. Shapiro. Prevalence and outcomes of restless legs syndrome among veterans. Peer Reviewed Medical Research Program Military Health Research Forum (Investigator's Meeting), San Juan, Puerto Rico, April 2004.
- Baughman, K., Panzner, M., Ober, S., Bourguet, C. and R. Steiner. Prevalence and outcomes of restless legs syndrome among patients at VA primary care clinics. Research and Education Forum of the Ohio Academy of Family Physicians, Columbus, OH, April 2003.
- Fisher, E. M., Kerr, M. E., Hoffman, L. and R. P. Steiner. Indicators of Gut Oxygenation: A Comparison of Gastric and Rectal CO<sub>2</sub>, 25th Annual Midwest Nursing Research Society, Cleveland, OH, March 2001.
- Dowd, T., Kolcaba, K., and R. Steiner. The bladder function questionnaire instrumentation study. Robinson Memorial Hospital, April 1999. (Poster)
- Fisher, E. M., Kerr, M. E., Hoffman, L. and R. P. Steiner. Indicators of gut dysoxia: a comparison of gastric methods in cardiac surgical patients. International State of the Science Congress, Sigma Theta Tau International, Washington, DC, September 15-19, 1999.
- Fisher, E. M., Kerr, M. E., Hoffman, L., Davidson, L., Steiner, R., Baranek, R. and R. Schlichtig. Indicators of gut dysoxia: a comparison of sites & methods in cardiac surgical patients. 22nd Annual Research Conference of the Midwest Nursing Research Society, Columbus, OH, March 29, 1998. (Poster)
- Steiner, R., Midha, C., and A. Dey. Development of Statistical Science in the United

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- Brenner, F.J., R.P. Steiner and J.J. Mondok. Use of water quality models to predict non-point source pollution parameters in an agricultural watershed. American Water Resources Association Symposium on Monitoring, Modeling, and Mediating Water Quality, May 17-20, 1987, Syracuse, NY.
- Steiner, R.P., F.J. Brenner, and C.M. Steiner. Two-stage regression models for predicting components of water quality on surface coal mines. Pennsylvania Academy of Science (PAS) Meeting, April 18-20, 1986, Seven Springs, PA.
- Steiner, R.P. and R.A. Wolfe. A counting process approach to the Cox proportional hazards regression model with covariate errors. ENAR Spring Meetings, March 24-27, 1985, Raleigh, NC.
- Wolfe, R.A., B.P. Perry, E.B. Devol and R.P. Steiner. Approximations for Cox survival models. INVITED PAPER. ENAR Spring Meetings, March 24-27, 1985, Raleigh, NC.
- Steiner, R.P. A counting process approach to the Cox proportional hazards regression model with covariate errors. Biostatistics Seminar, University of Michigan, November 29, 1984, Ann Arbor, MI.
- Steiner, Richard P., F.J. Brenner, and C.M. Steiner. Time series modeling of some eutrophication dynamics of a manmade lake in western Pennsylvania. International Symposium on Lake & Watershed Management: Local Involvement, North American Lake Management Society, October 16-19, 1984, McAfee, NJ.
- Verbrugge, L.M. and R.P. Steiner. Prescribing drugs to men and women. The American Public Health Association. 111th Annual Meeting, November 17, 1983, Dallas, TX.
- Verbrugge, L.M. and Richard P. Steiner. Another look at physicians' treatment of men and women with common complaints. The Society for the Study of Social Problems. 33rd Annual Meeting, August 28, 1983, Detroit, MI.
- Verbrugge, L.M. and Richard P. Steiner. Differences in physician treatment of men and women--sex bias or appropriate care. American Public Health Association. 108th Annual Meeting, October 19-23, 1980, Detroit, MI.
- Steiner, R.P. Some effects of a controlled spring burn on the vertebrate populations of the Blazing Star Prairie, Jennings Nature Reserve, Butler County, PA. Pennsylvania Academy of Science. 56th Annual Meeting, April, 1980, Seven Springs, PA.

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Fellowships and Grants:

**Funding agency:** National Institute of Nursing Research/NIH FUNDED  
01/01/2006-12/31/2008, \$226,800

**Title:** *Nursing Inquiry: Generation of Gut CO<sub>2</sub> Under Dysoxic  
Conditions in Rats.*

Each year 750,000 cases of multiple organ dysfunction syndrome (MODS) are diagnosed in critically ill patients in the U. S. As a major life threatening complication of trauma and critical illness, MODS is a strong predictor of death. A basic premise for organ failure is an inadequate supply to, extraction by, or utilization of oxygen by the tissues. Under hypoxic conditions, gut PCO<sub>2</sub> reflects inadequate perfusion in relation to cellular demands. This study will examine regional changes in oxygenation under control and dysoxic conditions at three sites in a rat model. Primary st



**Funding agency:** Ohio Kidney Foundation FUNDED: 08/01/99-05/30/00, \$10,000.

**Title:** *The Addition of Coaching to Cognitive Strategies: Interventions for Persons with Urinary Incontinence.*

The purpose of the study was to determine the relative effectiveness of standard information, cognitive strategies (CS), and coaching for persons experiencing urinary incontinence (UI). It was hypothesized that persons receiving coaching along with audiotaped CS and information would have markedly more comfort, improved bladder function, and enhanced perception of health than persons receiving CS and information only, or information only.

**Role:** Co-Principal Investigator with K. Kolcaba and T. Dowd

**Funding agency:** American Association of Critical Care Nurses Research Grant FUNDED: 01/15/98-12/31/98, \$6,000.

**Title:** *Indicat*