

Curriculum Vita
Dale L. Steber, M.S.
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CONTACT INFORMATION

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EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Year</u>	<u>Field</u>
Marquette University	M. S.	2005	Computing
Marquette University	B. S.	2002	Information Technology Operations and Supply Chain Management

PROFESSIONAL EXPERIENCE

- 2005-Present **Supervisor, Information Technology.** Center for Urban Population Health, Aurora Health Care, Milwaukee, WI. Oversee all functions related to the Center for Urban Population Health (CUPH) Information Technology Core. This includes all systems required to support the operation of CUPH as well as all Information Services activities required to support the Center's data warehouse, research, outreach and dissemination, and methodological and statistical efforts, as well as establishing and implementing independent projects.
- 2005-Present **Clinical Instructor.** College of Health Sciences, University of Wisconsin-Milwaukee. Teach several information technology courses in the Health Care Administration section.
- 2002-2005 **Information Services Project Leader.** Center for Urban Population Health, Aurora Health Care, Milwaukee, WI. Responsible for all information services and technology at the Center for Urban Population Health (CUPH), a collaborative health program and research partnership of the University of Wisconsin-Medical School, the University of Wisconsin-Milwaukee and Aurora Health Care.
- 2000-2002 **Information Services Coordinator.** Center for Urban Population Health, Aurora Health Care, Milwaukee, WI. Established computing capabilities for a new research center. Collaborated with researchers and medical practitioners to determine needs and develop strategies for using computing technology in population health research. Developed and executed a plan to implement a data warehouse for research using population-based datasets.
- 2000 **Senior Programmer Analyst Intern.** Wisconsin Gas Company, Milwaukee, WI. Authored, edited, and maintained Active Server Pages for Distribution and Ordering System web application. Created

a desktop application to automatically update data files for a GIS application. Developed and signed ActiveX controls for intranet use.

- 2000 **Consultant.** Department of Health and Family Services, State of Wisconsin. Produced a database prototype that was used to abstract medical and clinical records in three hospitals in Madison, WI.
- 2000 **Consultant.** Colliers Turley Martin Tucker International, Office in Milwaukee, WI. Developed database reports for statistical research on vacancy rates in commercial real estate investments.
- 1998-2000 **Assistant Network Administrator.** Department of Obstetrics and Gynecology, University of Wisconsin Medical School Milwaukee Clinical Campus and Aurora Health Care, Milwaukee, WI. Aided in administrating a 50-user Novell Netware 4.10 network and maintaining Windows 95 and 98 workstations. Converted the network from Token Ring to 10BaseT. Also developed several department databases for the residency program.

FUNDED RESEARCH & CONTRACTS

- Pending **Project Lead.** Idiopathic Recurrent Acute Pancreatitis. Subcontract with GI Associates, LLC, Milwaukee, WI to produce a national multi-center database to assist in determining the causes of idiopathic recurrent acute pancreatitis. 9-1-08 through 12-31-2010, \$22,255.
- Present **Project Lead.** Early Childhood Integrated Database System. Implement and evaluate an early childhood integrated database system (ECIDS) for young children with disabilities from birth to three years of age in Milwaukee County. Funded by Healthier Wisconsin, 7-1-07 through 6-30-10, \$449,691.
- Present **Supervisor.** SATC Database. Initiated and currently directing the re-design of the Sexual Assault Treatment Center departmental database to streamline operations, facilitate quality monitoring, and to support future research initiatives. Partnership with the Sexual Assault Treatment Center of Greater Milwaukee, 1-1-08 through 12-31-08, In-kind.
- Present **Project Lead.** Wellness Works Database. Developing a web-based application and database to manage research data for the Wellness Works study. Wellness Works examines health outcomes in relation to participation in Milwaukee County exercise program. Partnership with Milwaukee County Department on Aging, 1-1-08 through 12-31-09, In-kind.
- Present **Data Manager.** TTURC II. Managed data extracts for two studies (1. Tobacco Dependence: Treatment and Outcomes 2. Healthcare Costs and Utilization of Smoking and Quitting). Partnership with the University of Wisconsin Center for Tobacco Research and Intervention, 9-1-04 through 8-31-09, In-kind.
- Present **Project Lead.** Wisconsin Statewide Perinatal Data System: PeriData.Net. Funding by the Wisconsin Association for Perinatal Care, Madison, WI. Year 1 (Development) - 7/1/04 to 6/30/04, \$271,956; Years 2 through 10 (Implementation and Maintenance) – 7/1/05 to 6/30/14, \$771,642.
- 2007-2008 **Technology Advisor.** TIMES: Telemedicine in Milwaukee Elementary Schools. Funded by The Russell and Betty Shaw Foundation, 5-1-07 through 4-30-08, \$24,982.
- 2007 **Data Manager.** City of Milwaukee Health Department Vital Records Database. Contract with the City of Milwaukee Health Department to produce an integrated birth, death, and infant mortality database. 1-1-07 through 6-30-07, \$10,000.
- 2007 **Project Lead.** e-Sight. Collaboration with Prevent Blindness Wisconsin to develop a technology framework for elementary school vision screenings. 1-1-07 through 12-31-07, \$12,000.
- 2005-2007 **Data Manager.** PeriData.Net: A Rural Urban Information Network. Extend the statewide perinatal database, PeriData, to rural birth hospitals and train users. Funded by Wisconsin Partnership Fund for a Healthy Future, 01-01-05 through 12-31-07, \$395,819.

- 2006-2007 **Project Lead.** City of Milwaukee Homicide Review Records Needs Assessment. Subcontract with the City of Milwaukee to assess the needs of criminal justice system agencies around sharing data to prevent and control crime. 5-1-06 through 3-31-07, \$50,000.
- 2003-2006 **Project Lead.** Milwaukee Public Schools Project 20/20 Technology Development. *Murphy (PI-MPS), Cisler (PI-CUPH), Steber (Lead IS), Halkowski (Co-Investigator; UWMS), Partington (Co-Investigator; UWMS) and Wu (Co-Investigator; UWM).* Funded by National Telecommunications and Information Administration, Technology Opportunities Program (TOP), 10/01/03 to 9/30/06, Approximately \$500,000 (Budget responsibility is \$244,135).
- 2004-2006 **Data Manager.** Weight Management for a Defined Employee Population using an Interactive eHealth Portal. Robert Wood Johnson Foundation. 9-1-04 through 8-31-06, \$398,848.
- 2003-2004 **Co-Investigator.** Identification of repeat pregnancies in adolescents in Milwaukee using probabilistic linkage of birth records and analysis of pregnancy prevention program outcomes. Robert Wood Johnson Foundation. 10-15-03 through 7-31-04. \$30,000.
- 2003-2004 **Web Developer.** Interdisciplinary Geriatric Oral Health Education. Produced an on-line educational conference entitled "Geriatric Oral Health: The Missing Link to Comprehensive Care" for the Wisconsin Geriatric Education Center. 09-01-03 through 06-30-04. Approximately \$100,000 (Budget responsibility is \$20,000).

ACADEMIC AND COMMUNITY SERVICE AND AWARDS

- 2005 – Present **Member.** Wisconsin Association for Perinatal Care Data Committee.
- 2004 – 2005 **Participant, Aurora Health Care Leadership Academy.** Selected for the Aurora Leadership Academy which prepares Aurora's next generation of leaders from among their current personnel. Completed a project entitled, Cerner Central Scheduling Feasibility Study, which examined feasibility of forming a standardized scheduling business process across the Aurora Healthcare organization.
- 2003-2005 **Milwaukee Data Consortium Member.** Serve on the founding committee of the Milwaukee Data Consortium, a community wide group with the mission of promoting increased data access and sharing in the Milwaukee area.
- 2002-Present **Member.** Beta Gamma Sigma Honor Society.
- 2001-2002 **President.** Association of Information Technology Professionals – Marquette University chapter.
- 2000-2001 **Vice-President.** Association of Information Technology Professionals – Marquette University chapter.
- 2002 Outstanding Marquette Operations and Supply Chain Management Senior Award.
- 2001 Outstanding Marquette Information Technology Student Academic Award.
- 2001 Outstanding Marquette Operations and Supply Chain Management Junior Award.
- 2000 Outstanding Marquette Information Technology Student Academic Award.

TEACHING, STUDENT MENTORING AND OTHER ACADEMIC ACTIVITIES

- 2007-Present **Instructor.** College of Health Sciences, University of Wisconsin-Milwaukee. Taught *HCA 442: Health Care Database Design and Management* for the UWM Health Care Administration

Department in the Fall semester and *HCA 441: Health Care Information Systems Analysis and Design*.

- 2005-Present **Instructor.** College of Health Sciences, University of Wisconsin-Milwaukee. Taught *HCA 441: Health Care Information Systems Analysis and Design* for the UWM Health Care Administration Department in the Spring semester.
- 2005 (Summer) **Mentor, Health Technology Internship Program.** Mentored Mr. Patrick Ndon and Mr. Ajibola “Jay Jay” Ayanwale on a project entitled, “Geographic Information Systems (GIS) Analysis of School-Based Vision Screening Program.” Sponsored by the University of Wisconsin-Milwaukee, Bridges to the Future Program providing internships for minority scholars enrolled in undergraduate programs.
- 2005 (Summer) **Mentor, Health Technology Internship Program.** Mentored Mr. Patrick Ndon and Mr. Ajibola “Jay Jay” Ayanwale on a project entitled, “Geographic Information Systems (GIS) Analysis of School-Based Vision Screening Program.” Sponsored by the University of Wisconsin-Milwaukee, Bridges to the Future Program providing internships for minority scholars enrolled in undergraduate programs.

PUBLICATIONS

Partington, S. N., **Steber, D.**, Blair, K. A., & Cisler, R. A. (In press). Repeat childbearing in adolescents: Identification of risk factors for adverse outcomes. *Perspectives on Sexual and Reproductive Health*.

Baumgardner D. J., Knavel E. M., **Steber D.**, Swain G. R. (2006). Geographic distribution of human blastomycosis cases in Milwaukee, Wisconsin, USA: association with urban watersheds. *Mycopathologia*. 161(5):275-82.

Baumgardner D. J., Halsmer S., **Steber D.**, Shah D., Mundt M. (2006). Does proximity to clinic affect immunization rates and blood pressure? *International Journal of Psychiatry in Medicine*. 36(2):195-205.

Baumgardner D. J., **Steber D.**, Glazier R., Paretsky D. P., Egan G., Baumgardner A. M., Prigge D. (2005). Geographic Information System analysis of blastomycosis in Northern Wisconsin, USA: waterways and soil. *Medical Mycology*. 43:117-125.

ABSTRACTS

Murphy, K., Wu, M., **Steber, D.**, & Cisler, R. A. (2005). Design of a system for vision screening and follow-up eye care for children in Milwaukee Public Schools. *Proceedings of the American Medical Informatics Association Annual Symposium*, 1059.

Baumgardner D. J., Knavel E. M., **Steber D.**, Swain G. R. (2005). Urban Blastomycosis: A Tale of Two Cities. *Revista do Instituto de Medicina Tropical de São Paulo*. 47 (Supplement 14):62.

Baumgardner D. J., Steber D., Glazier R., Paretsky D. P., Egan G., Baumgardner A. M., Prigge D. Geographic Information System Analysis of Blastomycosis in Northern Wisconsin: Clusters, Waterways and Soil. *Wis Med J*. 2004:103(7):71.

ONLINE EDUCATION

Web developer for on-line continuing medical education programs for the American Geriatrics Society (offered on “americangeriatrics.org”):

- 2005 Medicare Part D - Implications for Physicians and the Healthcare Team (November 18, 2005 – November 18, 2006)
- 2005 Geriatrics Practice: Getting Paid For What You Do (May 9, 2005 – May 31, 2006)
- 2005 Improving Mental Health Care in Nursing Homes (January 1, 2005 - December 31, 2005)
- 2004 Geriatric Oral Health: The Missing Link to Comprehensive Care (January 1, 2004 – Present)

- 2004 Re-release of Implementing Diabetes Mellitus Guidelines in a Heterogeneous Older Population (July 26, 2004 to July 26, 2005)
- 2004 Geriatrics Practice: The Art of Survival (May 17, 2004 – May 17, 2005).
- 2003 The Management of Persistent Pain in Older Persons (November 21, 2003 – December 31, 2004).
- 2003 Implementing Diabetes Mellitus Guidelines in a Heterogeneous Older Population (May 15 – December 31, 2003)

PRESENTATIONS/POSTERS

King, M., **Steber, D.**, Chen, H.Y., Amuzu, B.J. (2009). "Do Low Glucose Tolerance Test Results Predict an Increased Risk of Fetal Growth Restriction?". (Juried Oral Presentation), Aurora Scientific Day, Milwaukee, WI (May 28, 2009).

Salm Ward, T.C., Weiss, M., Conway, A.E., Cisler, R.A., **Steber, D.** (2008). "PeriData.Net®: Developing a tool for real-time access to state-wide perinatal data". (Poster). Society for Pediatric and Perinatal Epidemiology 21st Annual Meeting, Chicago, IL (June 23-24, 2008).

Baumgardner D. J., Knavel E., **Steber D.**, Swain G. "Urban Blastomycosis: A Tale of Two Cities" (Poster). IX International Conference on Paracoccidio-idomycosis, Águas de Lindóia – SP, Brazil, 2005.

Baumgardner D. J., Knavel E., **Steber D.**, Swain G. "Urban Blastomycosis: A Tale of Two Cities" (Poster). 33rd Annual Meeting, North American Primary Care Research Group, Quebec City, Canada, 2005.

Malone M. L., Graham G., **Steber D.** "Teaching Geriatrics on the Internet – Integrating Technology with Medical Education" (Poster). American Geriatrics Society Annual Scientific Meeting, Las Vegas, NV, 2004.

Baumgardner D. J., Halsmer S., **Steber D.**, Shah D., Mundt M. "Does Proximity to Clinic Affect Immunization Rates and Blood Pressure?" (Presentation). 32nd Annual Meeting, North American Primary Care Research Group, Orlando, FL, 2004.

Baumgardner D. J., **Steber D.**, Glazier R., Paretsky D. P., Egan G., Baumgardner A. M., Prigge D. "Analysis of Blastomycosis in northern Wisconsin" (Presentation). Wisconsin Academy of Family Physicians Research Network 2004 Research Forum, Waukesha, WI, 2004.

Malone M. L., Choithani A. C., Kane R. S., Graham G., Klosowski J., Klewin A., Spangenberg S., Hemesath K., Stoffers E., **Steber D.** "Teaching Geriatrics on the Internet: Results of the Third Pilot Project" (Poster). American Geriatrics Society Annual Scientific Meeting, Baltimore, MD, 2003.

Baumgardner D. J., **Steber D.**, Glazier R., Paretsky D. P., Egan G., Baumgardner A. M., Prigge D. "Geographic information system analysis of Blastomycosis in northern Wisconsin, USA: Waterways and soil" (Presentation). North American Primary Care Research Group Annual Meeting, Banff, Alberta, Canada, 2003.

Steber D., Feldmann B. "Population Health Research and Data Warehousing" (Presentation). Aurora Health Care Scientific Day, Milwaukee, WI, 2001.