

HAN-YANG CHEN, M.S.

CURRICULUM VITAE (Feb., 2010)

Center for Urban Population Health
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EDUCATION

- M.S., POPULATION HEALTH SCIENCES,** 2008
Department of Population Health Sciences, University of Wisconsin- Madison
- M.S., INFORMATION SCIENCES,** 2003
Department of Information Science & Telecommunication, University of Pittsburgh
- B.A., ECONOMICS,** 1998
Department of Economics, National Taiwan University

PROFESSIONAL TRAINING

- THE OHIO STATE UNIVERSITY, COLUMBUS, OH** 2009
The 2009 Summer Program in Applied Biostatistical and Epidemiological Methods
Completed courses in Longitudinal Data Analysis & Applied Survival Analysis
- AURORA RESEARCH SUBJECT PROTECTION PROGRAM (RSPP)/IRB OFFICE** 2009
Institutional Review Board (IRB) Training
Completed IRB Training Session

PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF WISCONSIN MADISON; MADISON, WI 2008 - Present
Center for Urban Population Health
Biostatistician

Support the Center's Design and Analysis Core and assisting the Aurora UW Medical Group (AUWMG) by providing data analysis and research design, and participating in the dissemination of findings.

THE UNIVERSITY OF WISCONSIN MADISON; MADISON, WI 2005-2008
Department of Population Health Sciences
Project Assistant

Project Assistant supporting investigational research in conjunction with *The National Health Measurement Study* and *Evaluation of Osteoporosis Prevention in the Elderly* to perform statistical model analysis, and database management for *Acute Care for Elders (ACE) Project*.

LINKMED ASIA INC., TAIPEI, TAIWAN
Project Marketing Department
Healthcare Management Analyst

2004-2005

Assist healthcare organizations to develop decision support solution using *Cognos Business Intelligence Series* to evaluate and monitor the performance. Providing quantitative analyses and responsible for development and implementation of the training courses.

UNIVERSITY OF PITTSBURGH; PITTSBURGH, PA
Department of Information Science & Telecommunications
Decision Systems Laboratory
Research Assistant

2003

Concentrate on the design of interactive user interface for data exploration and data mining.

UNIVERSITY OF PITTSBURGH; PITTSBURGH, PA
Office of Child Development
Information System Assistant

2003

Develop the *Partnership for Family Support MIS* user manual and assisting with troubleshooting, testing, and modification of the interface.

GRANT

Recipient of Academic Staff Professional Development Grant, University of Wisconsin – Madison (2009-10, Part I)

THESES

Chen H-Y, "Predicting which ventilated patient is eligible for long-term care hospital transfer", M.S. thesis, University of Wisconsin – Madison, 2008.

Chen H-Y, "Interactive Data Exploration for Bayesian Network Learning", M.S. thesis, University of Pittsburgh, 2003.

PUBLICATION

Chen, H-Y., Baumgardner, D.J., Bergstrom, J.P., Mori, N., Swain, G.R., & Cisler, R.A. *Milwaukee Health Report 2009: Health Disparities in Milwaukee by Socioeconomic Status*. Center for Urban Population Health: Milwaukee, WI. 2009.

PRESENTATIONS

Khan A., Chen H-Y., Simon S., Hashim Z. Low Vision Education for hospital caregivers: a strategy to create a vision friendly hospital. Poster Presentation at the 2010 American Geriatrics Society (AGS) Annual Scientific Meeting, Orlando, Florida, 2010.

Marra E.M., Chauhan S.P., Chen H-Y., Hendrix N.W., Magann E.F., Morrison J.C. Presidential Voting Pattern & Perinatal Mortality in Wisconsin, 2004: A Pilot Study. Poster Presentation at the American College of Obstetricians and Gynecologists 58th Annual Clinical Meeting (ACM), San Francisco, California, 2010.

Khan A., Chen H-Y., Akbar S, Arnold K.L., Bhargava R., Gonzales B., Khogali A., Macias J., Martin C., Ormsby B., Pagel P., Staroszczyk A., Simon S., Whyms K., Wiedner S., Williams M. Project Boost: Identifying barriers to improving the patient discharge process. Poster presentation at the Society of Hospital Medicine's Annual Meeting, Washington, DC, 2010.

Khan A., Chen H-Y., Simon S., Hashim Z. Low Vision Education for hospital caregivers: a strategy to create a vision friendly hospital. Poster accepted at the AGHE's 36th Annual Meeting and Educational Leadership Conference, Reno, Nevada, 2010.

Baumgardner D.J., Bergstrom J.P., Mori N., Chen H-Y. Milwaukee Health Report 2009: Health disparities in Milwaukee by socioeconomic status. Poster presented at the Aurora's Quality Roundtable, Brookfield, WI, 2009

Chen, H-Y., Baumgardner, D.J., Bergstrom, J.P., Mori, N., Swain, G.R., & Cisler, R.A. Milwaukee Health Report 2009: Identifying Health Disparities by SES Groups Using ZIP Code Level Data. Poster presented at the UW-SMPH Department of Population Health Sciences 50th Anniversary Symposium, 2009.

Chen, H-Y., Mori, N., Salm Ward T., Bergstrom, J.P. Risk Factors for Infant Mortality in the City of Milwaukee, 1993-2007. Poster presented at the UW-SMPH Department of Population Health Sciences 50th Anniversary Symposium, 2009

King, M., Amuzu, B.J., Chen, H-Y. Does Low Glucose Tolerance Test Result Predict an Increased Risk of Small for Gestational Age Infants? Oral presentation at the Aurora Scientific Day, Milwaukee, WI. 2009.

Kahn, A., Hyde, T., Chen, H-Y. Effect of Visual Contrast and Complexity of Food Tray in Parkinson Disease. Poster presented at the Aurora Scientific Day, Milwaukee, WI. 2009.

Palta M., Chen H-Y., Fryback D.G., Error Standard Deviations of Five Preference-Based Measures across the Range of Health: Implications for Assessing Responsiveness. Poster presented at the 30th Annual Meeting of the Society for Medical Decision Making, 2008.

Palta M., Chen H-Y., Fryback D.G., Error Standard Deviations of Five Preference-Based Measures across the Range of Health: Implications for Assessing Responsiveness. Poster presented at the 15th Annual Conference of the International Society for Quality of Life Research, 2008.

Chen H-Y., Vanness D. J., Predicting which Ventilated Patient is Eligible for Long Term Care Hospital Transfer. Poster presented at the 25th AcademyHealth Annual Research Meeting, 2008.

Palta M., Fryback D.G., Chen H-Y, Dunham N.C., The Relationship of EQ-5D, HUI2, HUI3, QWB-SA, SF-6D and Their Components to a Latent Summary Health Scale Derived by IRT. Abstract presented at the 14th Annual Conference of the International Society for Quality of Life Research, supplement to Quality of Life Research, page A-6, 2007.

MANUSCRIPTS UNDER REVIEW OR IN PREPARATION

Chen H-Y, Baumgardner D.J., Bergstrom J.R. Health-Related Quality of Life among adults with Chronic Conditions in the U.S.: implications for interventions.

Chen H-Y, Vanness D. J. A Model Predicting LOS Criterion for Long-Term Care Hospital Reimbursement.

Palta M., Chen H-Y, Fryback D.G. Similarities and differences in how 5 utility indexes capture latent health.

Palta M., Chen H-Y, Kaplan R.M., Feeny D., Cherepanov D., Fryback D.G. Standard error of measurement of five health utility indexes across the range of health for use in estimating reliability and responsiveness