

CURRICULUM VITAE

Thomas T. H. Wan, Ph.D., MHS
Professor of Public Affairs, Health Services Administration, and Medical Education
Director, Doctoral Program in Public Affairs
Associate Dean for Research
College of Health and Public Affairs
University of Central Florida
Orlando, FL 32816-2200

PERSONAL DATA

Marital Status: Married with two children

EDUCATION

- M.H.S. (1971) Johns Hopkins University School of Hygiene and Public Health, Social Epidemiology of Chronic Illness.
- Ph.D. (1970) University of Georgia, Department of Sociology, specialized in Demography with Psychology and Statistics Minor.
- M.A. (1968) University of Georgia, Department of Sociology.
- Certificate (1969) University of Chicago, Social Science Division, Community and Family Study Center,
1969 International Workshop of Family Planning and Program Evaluation.
- B.A. (1965) Tunghai University, Taiwan, Department of Sociology.

PROFESSIONAL EXPERIENCE

1. Teaching

- August 2003-
Present Professor, Public Affairs Doctoral Program, College of Health and Public Affairs, University of Central Florida. Joint appointment with School of Nursing and the Graduate Program of Health Services Administration. Assumed the directorship of the doctoral program in June 2003. Served as an associate dean in 2005 and assumed Associate Dean for Research position on January 1, 2006.
- August 1981-
August 1, 2003 Professor, Department of Health Administration, Medical College of Virginia Campus, Virginia Commonwealth University. Director of Doctoral Program (1982-1991). Director of the Williamson Institute for Health Studies (1990- 1991). Arthur Graham Glasgow Professor and Chair of the Department of Health Administration (1991-1999)
- August 1, 1998-
August, 2003 Professor, Department of Preventive Medicine, Medical College of Virginia, VCU.
- 2000- present Visiting professor, Graduate Institute of Public Health, Health Services Administration Program, Kaohsiung Medical University. To teach a graduate course in the Executive MSHA program.
- Sept. 1977-
July 1981 Professor of Sociology and Graduate Faculty, University of Maryland, Baltimore County.
- Sept. 1973-
Aug. 1977 Associate Professor of Sociology and Graduate Faculty, University of Maryland, Baltimore County.

- Jan. 1974- Visiting Associate Professor, Department of Policy Planning and Regional Analysis, May 1974 Cornell University
- Sept. 1971- Visiting Assistant Professor, Department of Sociology, Program Associate of International
May 1973 Population Program; Associate of International Nutrition and Development Policy, and Staff Member of Comprehensive Health Planning Training Program, Cornell University.
- June 1973- Visiting Associate Professor of Sociology, Summer Session, Cornell University.
Aug. 1973

2. Research Experiences

Public Health Service Fellow, Intramural Research Division, National Center for Health Services Research, June 1, 1976 to June 1980.

Principal Investigator of:

- 1) Disabling Effects of Chronic Conditions of Male Family Heads. Supported by the Social Security Administration, HEW, 1972-July 1973.
- 2) Determinants of Health Services Utilization. Supported by the NY-PENN Comprehensive Health Planning Council and NY-PENN Health Management Corporation, 1973.
- 3) Comparing Health Care Systems: USA and Taiwan. NSF-US China Cooperative Science program grant, 1977-78.
- 4) Senior Citizen Needs Assessment Study. Supported by Baltimore County Department on Aging, September 1979-June 30, 1980.
- 5) Effects of Retirement and Its Concomitant Life Changes on Health. Supported by National Institute on Aging, July 1979-June 30, 1981.
- 6) Widows and Widowers: Changing Family Support Systems. CO-PI with L. Morgan, supported by SSA, October 1980-September 1981.
- 7) Health and Social Profiles of Older Adults Experiencing Concomitant Role Losses in Later Life. AARP Andrus Foundation, January 1, 1983 to March 31, 1984.
- 8) Incidence of Alzheimer's and Related Diseases, Mortality, and Institutionalization Among High Risk Elderly in Virginia. Supported by VA Center on Aging, Co-Principal Investigator with L. Harkins. Jan.-Dec., 1983.
- 9) Forecasting Model for Predicting Psychiatric Bed Utilization by Community Services Boards in Virginia. Supported by the VA Department of Mental Health and Mental Retardation. \$10,000, April-July, 1984.
- 10) Quantitative Analysis of Psychiatric Services in Virginia, the Virginia Department of Mental Health and Mental Retardation, \$18,000, September 1, 1985 to June, 1986.
- 11) Epidemiology of Falls in a Nursing Home: A Pilot Study. VCU grants-in-aid, \$7,000, 1986.
- 12) Prenatal Care and Pregnancy Outcomes in Central Virginia. Virginia Department of Health, \$10,000, May 15-December 31, 1987.
- 13) Assessing Preventive Health Needs for the Elderly, Richmond City Health Department, \$7,000, June-December 1987.
- 14) Evaluation of the National Medicaid Competition Demonstrations. MCV Project Director: L. Rossiter, Co-Investigator 5% effort. Funded by HCFA, 1983-1988.
- 15) Evaluation of the National Medicare Competition Demonstration. MCV Project Director: L. Rossiter, Co-Investigator 5% effort. Funded by HCFA, 1983-1988.
- 16) Evaluating Primary Care Training Grant in Pediatrics. PI: J. Zanga. 5% effort, funded by National Institute of Medicine, 1985-1987.

- 17) Organizational Effectiveness in Retiree Health Benefits Design and Cost Control. Five percent currently funded (\$42,000) by ANDRUS Foundation, 1988-1989.
- 18) Evaluating the Cancer Prevention Program. Supported by the Division of Chronic Illness, Virginia State Health Department, 1990 (\$5,000).
- 19) Evaluation of Multiple Data Systems for Detecting Drug Diversion. Supported by the Virginia Crime Commission, 1990-1991 (\$20,000).
- 20) Examination of Alternative Approaches for Graduate Medical Education Payment Through Medicare (HCFA), 8/90-2/91. Co-PI: Dolores Gurnick, Dr. P.H., (\$35,000). This project was renewed for \$75,000 for 1991-1992.
- 21) Substitution of Rehabilitation Services for Inpatient Care. Supported by HCFA, Sept. 1, 1991 to July 1, 1992. Co-PI: Meri Beth Stegall, Ph.D., (\$50,000).
- 22) Health Policy Center (Project HOPE Consortium). Funded by HCFA, 1/88-12/91, \$111,435.
- 23) Maternal and Child Health Planning and Evaluation Project. Funded by the Virginia Department of Health Division of Maternal and Child Health, Oct. 1989-September, 1990 (\$68,000); 1990-1991 (\$70,000); 1991-1992 (\$75,000); 1992-1993 (\$71,000).
- 24) Decision Analysis of Mental Health Services. Funded by NIMH with the Virginia Department of Mental Health, Mental Retardation, and Substance Abuse Services. 1993 (\$30,000), 1994 (\$31,000) and 1995 (\$20,000).
- 25) Evaluating Benefit Design in the Treatment of Alcoholism. Supported by the Virginia Blue Cross, May-December, 1993 (\$2,500).
- 26) Effects of Case Management Alternatives on the Cost of Care and Quality of Life for End Stage Non-Small Cell Lung Cancer Patients. 12/1/94-12/1/1996 (\$336,500). Co-PI with Karen Swisher.
- 27) A Model of Patient and Nursing Administration Outcomes. 9/1/95-8/31/99 (\$1,569,907). Co-PI with Dr. Barbara Mark.
- 28) Pharmacy Outsourcing Project. May 1997-April 1998 (\$25,000). Supported by the Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services.
- 29) Dentist Participation in Medicaid. June 1997-Sept. 1997 (\$45,000). Supported by the Virginia Department of Medical Assistance Services.
- 30) Risk Adjustment Methodology for Hospital Performance. July-October, 1997 (\$15,000). Supported by the Reciprocal Insurance Group.
- 31) Health Systems Management Training Program for International Executives. Supported by Bristol-Meyer Squibb. May, 1996- Sept. 1998. (\$500,000).
- 32) Hospital and Nursing Outcomes Project. (Co-PI with Barbara Mark). National Institute for Nursing Research (1996-2001). One-year extension with no cost to NINR. Several articles are under preparation. A final report was submitted to NINR.
- 32) Integration Mechanisms in IT/IS Systems of Integrated Healthcare Delivery Networks. A panel study to assess internal and external factors that affect the IT performance of integrated healthcare networks (IHNs) and to understand the variations in IHNs' performance in a period of two years.
- 33) "Building Research Careers in Women's Health." NIH, 9/25/2000-8/30/2005. Amount: \$500,000. Investigator.
- 34) "Estimation of Uninsurance for Four Counties in Central Florida." Winter Park Health Foundation. Amount awarded: \$2,500, 2005.
- 35) "Developing a Tabletop Exercise for Emergency Medical Disaster Management Associated with Avian Influenza." The Florida Department of Agriculture's Animal Diagnostic Laboratories. Amount awarded: \$25,000, 2006.

3. Current Research

A. ACTIVE:

- “Nursing Staffing and Nursing Care Quality in Nursing Homes.” National Institute of Nursing Research. 9/15/2003-6/30/2008. Requested amount: \$854,000. Principal investigator. 30% effort, Co-investigator: Lynn Unruh.
- “Evaluating Rural Community Health Centers.” Health Resources and Services Administration, Dept. of Health and Human Services. 9/1/2008-8/30/2010. Requested amount: \$150,000. 5% effort.

B. PENDING:

- “Effects of the Patient-Centric Care Management Technology in Community Clinics: A Randomized Trial. Submitted to the Agency for Health Care Research and Quality. Principal Investigator (20% effort). Amount requested: \$1.2 million.
- “High Performance computing infrastructure to support multi-disciplinary modeling and simulation effort at the University of Central Florida.” Co-PI (5% effort). Submitted to the National Science Foundation. Amount requested: \$499,940. PI: Dr. Deo Narsingh, College of Engineering & Computing Science.
- “Effects of the Second Gulf War Stress Exposure to Subsequent Health Services Use Among Iraqi War Veterans with Mental and Physical Comorbidities.” PI (10%). Amount requested: \$223,000 (2008-2010). U.S. Department of Defense.
- “Determinants of Proximal and Distal Outcomes of the 2nd Gulf War Exposures Among Veterans.” PI (25%). Amount requested: \$852,000 (2008 to 2011). U.S. Department of Defense.
- “Disparities in Breast Cancer Care and Outcomes.” PI (20%). Amount request: \$725,500 (2009-2012). Susan Komen Foundation.
- “Health Disparities Research and Training Grant, 10% effort. Amount requested: \$1.4 million (2009-2014). Department of Health and Human Services.
- “National Children’s Study-Orange County.” PI (7% effort). Amount requested: \$1.4 million (2009-2014). NICHD-NIH.
- “Research Capacity Building in Long-Term Care in China.” PI (5%). Amount requested: \$100,000 (2008-2009). NIH (approved).

C. PLANNING:

- “Syndromic Surveillance Modeling.” To be submitted to CDC. Requested amount: \$400,000. Principal Investigator. 20% effort.

4. Leadership Experience

2006-present	Associate Dean for Research, College of Health and Public Affairs, University of Central Florida.
2004-present	Director, Doctoral Program in Public Affairs, College of Health and Public Affairs, University of Central Florida.
1/1992-9/1999	Arthur Graham Glasgow Professor and Chair, Department of Health Administration, Medical College of Virginia Campus, Virginia Commonwealth University.
7/1991-12/91	Interim Chair, Department of Health Administration, Medical College of Virginia Campus, VCU.
1990-12/91	Director, Williamson Institute for Health Studies, VCU.
1982-12/91	Founding Director, doctoral program in Health Services Organization and Research, Department of Health Administration, MCV/VCU.

4. Consulting Experience

- Member of the Scientific Review Committee for the National Health Research Institutes, 1999 to present.
- Member of the Advisory Committee, the National Healthcare Policy Research, National Health Research Institutes, 2003 to present.
- Member of the NIH Study Section (Health Services Organization and Delivery), 2005-2009.
- Member of the Advisory Committee for Teaching Nursing Homes, Florida, 2004 to present.
- Member of the Nursing Research Study Section, NIH, 1997-2004.
- Member of the Advisory Board, Southeastern Rural Mental Health Research Center, University of Virginia, 1996- present.
- Member of the External Board, the Veterans Integrated Service Network VI, 1997-2,000.
- Member of the Reorganization Committee on Behavioral Sciences, NIH Center for Scientific Review, 1998.
- Member of the National Committee on Vital and Health Statistics, 1991 to 1996.
- Member of the Subcommittee on Minority Health, National Committee on Vital and Health Statistics.
- Member of the Subcommittee on long-term Care, National Committee on Vital and Health Statistics.

- Member of the Subcommittee on Mental Health, National Committee on Vital and Health Statistics.
- Member of the Research Agenda Committee, National Institute on Drug Abuse, 1991.
- Member of the Research Agenda Committee on Minority Health Statistics, National Center for Health Statistics, 1991.
- NIH HUD Health Grant Review Consultant.
- Research Triangle Institute Consultant.
- NICHD Special Panel Review Committee on Intergeneration Support Grant Applications, 1989.
- NIA Advisory Panel on Economics and Health Data on Aging, NIH.
- Member of the Study Section on Aging and Human Development II, National Institute on Aging, 1984 to 1988.
- Member of Site Visiting Team, National Institute on Aging, 1982, 1984, 1986, and 1987.
- Consultant, Department of Social Services, Project Screen, City Baltimore, March, 1980 to June, 1981.
- Consultant, Intramural Research Division, long-term Care Projects, National Center for Health Services Research, DHHS, September 1980 to present.
- Consultant, Richmond City Health Department, Health Education Program, August 1986 to present.
- Consultant, Long-Term Care Division (Advisory Panel for the National Channeling Demonstration), ASPE, DHHS, 1980 to present.
- Consultant, "Asian American Health Service and Career Project: Identification of Problems in Access to Health Care and Health Careers," JWK International Corporation-Contract supported by the Office of Health Resources Opportunity, HRA.
- Consultant, "Forum on Hypertension in Minority Populations," the National High Blood Pressure Education Program, National Heart and Lung Institute. September 10-11, 1975.
- Consulting Gerontologist, appointed by the Gerontological Society to work with the Commission on Aging and Retirement Education, Baltimore, Maryland (Summer, 1975).
- Research Associate (Summer, 1970) OEO-USDA-UGA. Poverty Project at Social Sciences Research Institute, University of Georgia.
- Research Assistant 1968, U.S. Net-Migration Project, Demographic Research and Training Center, University of Georgia.

5. Specialization

Health systems analysis
Health services management research
Long-term Care Research
Health Services Research on Quality
Public Policy Research
Social and managerial Epidemiology

PUBLICATION LIST (1970-present)

A. Book/Monograph/Report

1. Huelat, B. and **Wan, T.T.H.** **Healing Environments**. Taiwan: Wu-Nan Publishers, February 28, 2007.
2. Lin, Y.J and **Wan, T.T.H.** **Integrated Care and Management**. Taiwan: Wu-Nan Publishers, February 2007.
3. Lin, Y. J. and **Wan, T.T.H.** **Creating Values for Health Services Organization: A Guide toward Successful Integrated Care**. Taipei, Taiwan: Yeh Yeh Publishing Company, 2004.
4. **Wan, T.T.H.** and Connell, Alastair M. **Monitoring Health Care Quality: Issues and Scientific Approaches**. Boston: Kluwer Academic Publishers, 2003.
5. **Wan, T.T.H.** **Evidence-Based Health Care Management: Multivariate Modeling Approaches**. Boston: Kluwer Academic Publishers, 2002.
6. **Wan, T.T.H.**, S. Luu, J. Shen, and B. L. Wang. Risk Adjustment for Measuring the Performance of Health Facilities. A report submitted to the Reciprocal Group, October 20, 1997.
7. **Wan, T.T.H.**, M. Jurgensen, et al. A Study of Dentist Participation and Payment Rate for Medicaid in Virginia. Submitted to the Virginia Department of Medical Assistance Services, September, 1997.
8. **Wan, T.T.H.** **Analysis and Evaluation of Health Care Systems: An Integrated Approach to Managerial Decision Making**. Baltimore: Health Professions Press, 1995. This book has been translated by Dr. Stan Komenda, Palacky University, the Czech Republic and published in 1998.
9. **Wan, T.T.H.** **Epidemiology of Pharmaceutical Drug Diversion**. Richmond, Virginia: A Report submitted to Virginia Department of Health, 1992.
10. **Wan, T.T.H.**, L. F. Rossiter, M. H. Stegall and M. Rivnyak. 1989. **Organizational Effectiveness in Design and Cost Containment of Health Benefits for Retirees**. Richmond, VA: Williamson Institute for Health Studies.
11. **Wan, T.T.H.** Prenatal Care and Pregnancy Outcomes in Central Virginia. A report submitted to Virginia Health Department, September, 1988.
12. **Wan, T.T.H.** Epidemiology of Injuries and Accidents Among the Aged in Richmond City. A report submitted to City Health Department, 1988.
13. **Wan, T.T.H.** Quantitative Assessment of Psychiatric Hospitalization of CSB Clients in Virginia. Report submitted to the Department of Mental Health and Mental Retardation, Virginia, August 11, 1986.
14. Rossiter, L., T.T.H. **Wan, K.** Langwell, et al. National Medicare Competition Evaluation Analysis of Patient Satisfaction for Enrollees and Disenrollees in Medicare Risk-Based Plan. A report submitted to Health Care Financing Administration, June 1987.
15. **Wan, T.T.H.** **Well-Being for the Elderly: Primary Preventive Strategies**. Lexington, MA.: Lexington Books, 1985.
16. **Wan, T.T.H.** **Stressful Life Events, Social Support Networks, and Gerontological Health: A Prospective Study**. Lexington, MA: Lexington Books, 1982.
17. **Wan, T.T.H.**, B.G. Odell and D.T. Lewis. **Promoting the Well-Being of the Elderly: A Community Diagnosis**. New York: Haworth Press, 1982.

18. Weissert, W.G., T.T.H. **Wan** and B. Livieratos. Effects and Costs of Day Care and Homemaker Services for the Chronically Ill: A Randomized Experiment. NCHSR publication, Department of Health and Human Services, 1979.
19. **Wan**, T.T.H. Correlates and Consequences of Chronic Disability. Ithaca, N.Y.: International Population Program, Cornell University, 1973.

B. Chapter in Book:

1. Rotarius, T., T.T.H. **Wan**, and A. Liberman. "A Typology of Health Marketing Research Methods—Combining Public Relations Method with Organizational Concern." Accepted for publication in Health Marketing Journal.
2. **Wan**, T.T.H., Lin, Yen J., and Wang, B.B.L. "The Effects of Care Management Effectiveness and Practice Autonomy on Physicians' Practice and Career Satisfaction." In Jennie J. Kronenfeld (ed.) Chronic Care, Health Care Systems and Services Integration. Research in the Sociology of Health Care Volume 22. New York: Elsevier, 2004.
3. **Wan**, T.T.H. and Y. J. Lin. "Social Capital, Health Status and Health Services Use." In Jennie J. Kronenfeld (ed.). The Reorganizing Health Care Delivery System: Problems of Managed Care and Other Models of Health Care Systems. Research in the Sociology of Health Care. New York: Elsevier Science, Inc., 2003.
4. **Wan**, T.T.H. "Assessing Causality: Foundations for Population-Based Health Care Managerial Decision Making." In Denise M. Oleske (ed.) Epidemiology and the Delivery of Health Care Services: Methods and Applications. 2nd Edition. New York: Plenum Press, 2001.
5. Clement, D. G. and T.T.H. **Wan**. "Evaluating Health Services, Programs, and Systems: An Epidemiological Perspective." In Denise M. Oleske (ed.) Epidemiology and the Delivery of Health Care Services: Methods and Applications. 2nd Edition. New York: Plenum Press, 2001.
6. Shen, J.J., Perlin, J. B., Xu, Y.H. and T.T.H. **Wan**. "Care-Seeking Pattern and Outcome of Hospitalized Pneumonia Patients Who Are Socioeconomically Disadvantaged." In Jennie J. Kronenfeld (ed.) Health, Illness and Use of Care: The Impact of Social Factors. New York: Elsevier Science, Inc., 2000.
7. Chern, J.Y. L. Rossiter, and T.T.H. **Wan**. "Examining the Real Effect of Prior Utilization on Sequent Utilization: Direct vs. Indirect." In Jennie J. Kronenfeld (ed.) Health Care Providers, Institutions, and Patients: Changing Patterns of Care Provision and Care Delivery. Stamford, Connecticut: JAI Press, 2000.
8. **Wan**, T.T.H. "The Bio-Tech Miracle: Navigating Strategic Alliances in the Korean Healthcare System." The Proceedings of the International Conference on Health Industry Development, the Korea National Health Industry Development, March 1999.
9. **Wan**, T.T.H. Child Health in the United States. Children Welfare. Taipei: the 21st Century Foundation, 1996.
10. **Wan**, T.T.H. and R. Shukla. "Quality of Hospital Care: The Determinants of Adverse Patient Outcomes." In J. C. Rey and C. Tilquin (eds.) Proceedings of the 5th International Conference on Systems Sciences in Health-Social Services for the Elderly and the Disabled. Geneva, Switzerland: Swiss Institute for Public Health, 1994. Pp 271-279.
11. Clement, Dolores, T.T.H. **Wan**, MeriBeth Stegall. "The Application of Epidemiology in Program Evaluation." In Denise M. Oleske (ed.) Epidemiology and the Delivery of Health Care Services: Methods and Applications. New York: Plenum Press, 1995.
12. Wood, Joan and T.T.H. **Wan**. "Ethnicity and Family Caregivers' Coping of Alzheimer's Patients." In Charles Barresi (ed) Ethnicity and Long-Term Care. New York: Springer, 1993.

13. Ferraro, K. and T. T.H. **Wan**. Health Needs and Services for Older Adults: Evaluating Policies for An Aging Society. In S. M Stahl (ed) The Legacy of Longevity: Health, Illness and Long-Term Care in Later Life Beverly, CA: Sage Publication, 1990.
14. **Wan**, T.T.H. "A Behavioral Model of Health Services Utilization by Older People." In Marcia Ory and K. Bond (eds.) Aging and Health Care. London: Routledge, 1989.
15. Noble, J. H., T.T.H. **Wan**, and Y. Ozcan "Rehabilitation: Providing the Services to Physically Disabled Persons." In S. Hey, G. Kiger and J. Seidel (eds.) System Change, Social Policy and Physical Disability Issues for the 1980's. Williamette University Press, 1987.
16. **Wan**, T.T.H. "Sinicization of Medical Sociology." In Y. M. Tsai (ed.) Sinicization of Sociology. Taipei, Taiwan: Chung-Hua Publishing Company, 1986.
17. Weissert, W.G., T.T.H. **Wan**, B.B. Livieratos, and S. Katz. "Cost-Effectiveness of Day Care Services for The Chronically Ill: A Randomized Experiment" in H. Freeman and M. Solomon (eds.) Evaluation Studies Review Annual Vol. 6. Beverly Hills, CA: Sage Publications, 1981.
18. **Wan**, T.T.H. and A.S. Yates. "Prediction of Dental Service Utilization: A Multivariate Approach." Chapter 7 in V. Mahajan and C.C. Pegels (eds.) Systems Analysis in Health Care. N.Y.: Praeger Publishers, 1979.

C. Articles

1. Yeh, S.C., Huang, C.H., Chou, H.C, & **Wan**, T.T.H. "The Influence of Facility Ownership Structure on Individual Responding to Stress: A Multilevel Model." Forthcoming in Health Services Management Research, 2008.
2. Breen, J., **Wan**, T.T.H., Zhang, N.J., and Marathe, S. "Doctor-Patient Communication: Examining Innovative Modalities vis-à-vis Effective Patient-Centric Care Management Technology." Journal of Medical Systems, 2008.
3. Chukmaitov, Askar S., **Wan**, T.T.H., Menachemi, N., and Cashin, C. "Breast Cancer Knowledge and Attitudes toward Mammography as Predictors of Breast Cancer Preventive Behavior in Kazakh, Korean, and Russian Women in Kazakhstan." International Journal of Public Health 53:123-130, 2008.
4. **Wan**, T.T.H. "Global Health Research." Forthcoming in the International Journal of Public Policy.
5. Zhang, J. N., Unruh, L., and **Wan**, T.T.H. "Has the Medicare Prospective Payment System Led to Increased Nursing Home Efficiency." Health Services Research 43(3): 1043-1061, 2008.
6. **Wan**, T.T.H. and Siddiqui, R. "Addressing Disaster Risk Reduction and Human Development Together." International Journal of Public Policy 3(5/6):281-291, 2008.
7. Sahin, Bayram and **Wan**, T.T.H. "The Reliability and Validity of the Turkish Version of the Asthma Quality of Life Questionnaire and Structural Equation Modeling of the Quality of Life of Asthma Patients." International Journal of Public Policy 3(5/6): 443-461, 2008.
8. Rotarius, T., **Wan**, T.T.H., and Liberman, A. "A Typology of Health Marketing Research Methods-Combining Research Methods with Organizational Concern." Health Marketing Quarterly 24(3/4): 201-211, 2007.
9. **Wan**, T.T.H. and Chukmaitov, A. "Social Capital and Use of Folk and Herbal Medicine by Older Women in Almaty, Kazakhstan." International Journal of Public Policy 2(3/4): 217-234, 2007.
10. **Wan**, T.T.H. "Global Health Research." Forthcoming in the International Journal of Public Policy.
11. Marathe, S., **Wan**, T.T.H., Zhang, J.N., and Sherin, K. "Factors Influencing Community Health Centers' Efficiency: A Growth Curve Modeling Approach." Journal of Medical Systems, 31(5):365-374, 2007 .
12. Steward, D. and **Wan**, T.T.H. "The Role of Simulation and Modeling in Disaster Management." Journal of Medical Systems 31(2): 125-130, 2007.

13. Yeh, J., **Wan**, T.T.H., and Lo, Y.Y. "Ambulatory Care Visits and Physician Satisfaction: from Medical Directors' Perspectives." Health Care Management Review 32(3): 1-9, 2007.
14. **Wan**, T.T.H. and Chukmaitov, A. "Social Capital and Use of Folk and Herbal Medicine by Older Women in Almaty, Kazakhstan." International Journal of Public Policy 2(3/4): 217-234, 2007.
15. Zhang, J. **Wan**, T.T.H., and Brent, R. "Comparing Four Estimation Methods for Uninsurance in Florida." International Journal of Public Policy 2(3/4): 342-355, 2007.
16. Zhang, J. and **Wan**, T.T.H. "Effects of Institutional Mechanisms on Nursing Home Quality." Journal of Health and Human Services Administration 29(4): 380-408, 2007.
17. **Wan**, T.T.H. "Healthcare Informatics Research: From Data to Evidence-Based Practice." Journal of Medical Systems, 30(1): 3-7, 2006. This paper was selected as the best paper by the Mid-West Health Services Administration in 2005.
18. Harkins, S., Elliott, T.B., and **Wan**, T.T.H. "Emotional Distress and Urinary Incontinence Among Older Women." Rehabilitation Psychology, 51(4): 346-355, 2006.
19. Unruh, L., Zhang, J., and **Wan**, T.T.H. "Impact of Medicare Reimbursement Changes on Staffing and the Quality of Nursing Homes." International Journal of Public Policy, 1(4): 421-434, 2006.
20. **Wan**, T.T.H. "Introduction: Public Affairs Informatics Research." International Journal of Public Policy, 1(4): 333-342, 2006.
21. **Wan**, T.T.H., Zhang, J., and Unruh, L. "Predictors of Resident Outcome Improvement in Nursing Homes." Western Journal of Nursing Research, 28 (8): 974-993, 2006.
22. Zhang, J., Unruh, L., Liu, Rong, and **Wan**, T.T.H. " Minimum Nurse Staffing Ratios for Nursing Homes." Nursing Economics 24(2): 78-85, 2006.
23. Yeh, J. Lo, Y.Y., and **Wan**, T.T.H. "Ambulatory Care Visits and Quality of Care: Does the Volume-Control Policy Matter?" Health Policy, 74: 335-342, 2005.
24. Hong, Song Hee, Shepherd, M.D., Scoones, D., and **Wan**, T.T.H. "Productline Extensions and Pricing Strategies of Brand Name Drugs Facing Patent Expiration." Journal of Managed Care Pharmacy 11(9): 746-754, 2005. This paper was selected as the best paper by the Managed Care Pharmacy Association in 2005.
25. Zhang, J. and **Wan**, T.T.H. "The Measurement Model of Nursing Home Quality: A Two-Level Analysis." Journal of Medical Systems, 29(4):401-411, 2005.
26. Wang, B. B., **Wan**, T.T.H., Burke, D.E., Bazzoli, G.J., and Lin, B. Y.J. "Factors Influencing Health Information System Adoption in American Hospitals." Health Care Management Review 30(1): 44-51, 2005.
27. Mark, B. and **Wan**, T.T.H. "Testing Measurement Equivalence in a Patient Satisfaction Instrument." Western Journal of Nursing Research, 27(6):772-787, 2005.
28. Unruh, L. and **Wan**, T.T.H. "A Systems Framework for Evaluating Nursing Care Quality in Nursing Homes," Journal of Medical Systems, 29(2), 197-212, 2004.
29. **Wan**, T.T.H. and Wang, B.B.L. " Integrated Healthcare Networks' Performance: A Growth Curve Modeling Approach." Health Care Management Science 6:117-124, 2003.
30. Lee, Kwangsoo, and **Wan**, T.T.H. "Information System Integration and Technical Efficiency in Urban Hospitals." International Journal of Healthcare Technology and Management 5(6): 452-462, 2004.
31. Shi, Shu-Feng, Munjas, B.A., **Wan**, T.T.H., Cowling, W.R., and Grap, M.J. "A Causal Model of the Effect of Preparatory Sensory Information on ICU Patients." Journal of Medical Systems 27(2): 191-204, 2003.
32. Mark, B., Salyer, J., and **Wan**, T.T.H. "Enhancing Nurse-Physician Collaboration: A Staffing Innovation." Journal of Nursing Administration 33(4): 193-195, April 2003.

33. Mark, B., Salyer, J. and **Wan**, T.T.H. "Professional Nursing Practice." Journal of Nursing Administration 33: 224-234, 2003.
34. **Wan**, T.T.H. "Nursing Care Quality in Nursing Homes: Cross-sectional Versus Longitudinal Analysis." Journal of Medical Systems 27(3): 283-295, 2003.
35. Yeh, S.C., **Wan**, T.T.H., and Neff-Smith, M. "Subacute Care in Nursing Homes." Journal of Nursing Administration 32(7/8): 369-370, 2002.
36. **Wan**, T.T.H., Hsu, N, Feng, R.C., Ma, A., Pan, S.A. and Chou, M.C. "Technical Efficiency of Nursing Units in a Tertiary Care Hospital in Taiwan." Journal of Medical Systems 26(1): 21-28, 2002.
37. **Wan**, T.T.H., Lin, Y.J., and Ma, A. "Integration Mechanisms and Hospital Efficiency in Integrated Healthcare Delivery Systems." Journal of Medical Systems 26(2): 127-144, 2002.
38. Lee, K. and **Wan**, T.T.H. "Effects of Hospitals' Structural Clinical Integration on Efficiency and Patient Outcome." Health Services Management Research 15: 234-244, 2002.
39. Wang, B.B.L., **Wan**, T.T.H., Clement, J., and Begun, J. "Managed Care, Vertical Integration Strategies and Hospital Performance." Health Care Management Science 4(3): 181-191, September 2001.
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113. **Wan, T.T.H.** and Tarver, J. "Socioeconomic Status, Migration and Morbidity." Social Biology, 17(1): 51-59, 1972.
114. **Wan, T.T.H.**, Gussow, Z. and Harrison, I. "Evaluation of Pennsylvania Migrant Health Projects," a chapter in Migrant Papers. Harrisburg, PA: Division of Behavioral Sciences, Pennsylvania Department of Health, 1972.
115. **Wan, T.T.H.** "Status Stress and Morbidity: A Sociological Investigation of Selected Categories of Chronic Conditions." Journal of Chronic Diseases, 24:453-486, 1971.
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117. Sharma, P. and **Wan, T.T.H.** "Ecological Correlates of Family Divorce Rates." Journal of Family Welfare, 17:20-27, 1970.

D. Papers Presented

- 2007 "Hospital Care Quality Achieved Through Efficiency: Lessons Learned from the US Health Policy Impacts." A keynote address delivered at the joint conference of the Academy of Healthcare Executives and Joint Commission of Hospital Accreditation in Taiwan, May 19 to 20.

- 2007 "Organizational and Management Factors Affecting Quality Improvement: Growth Curve Modeling of Resident-Based Outcomes in Nursing Homes." Poster presentation at the AcademyHealth conference in June.
- 2006 "Mining Medical Claims Data from Exploratory to Confirmatory Statistical Methods." A keynote address delivered at the BCBSF/SAS/UCF Business Intelligence Symposium, Orlando, April 6.
- 2005 "Minimum Nurse Staffing Ratios for Nursing Homes." Presented at the 133rd Annual Meeting of the American Public Health Association (November 5-9, 2005) in New Orleans, LA
- 2005 "Impact of medicare reimbursement changes on nurse staffing and quality of care in nursing homes" Presented at the 133rd Annual Meeting of the American Public Health Association (November 5-9, 2005) in New Orleans, LA.
- 2005 "Transitional Research on Nursing Home Research." Poster presentation at the AcademyHealth annual meeting, Boston, June 25-28.
- 2005 "Calculating Minimum Nurse Staffing Ratios in Nursing Homes." Presented at the annual meeting of the American Public Health Association, December 10-14, 2005.
- 2004 "A Parrell Process Growth Curve Model of Nurse Staffing and Quality of Nursing Homes." Presented at the 20th EURO Conference on Operational Research, Rhodes, Greece, July 3-7.
- 2003 "The Effect of Care Management Effectiveness and Practice Autonomy on Physicians' Work Effort and Career Satisfaction." Presented at the International Society for Technology Assessment in Health Care, Canmore, Canada, June 22-25.
- 2003 "The Growth Curve Model of Nursing Home Quality." A poster presentation at the AcademyHealth meeting, June.
- 2003 "Determinants of Hospital Information System Integrity and Hospital Performance." Co-author with Allen Y. Ma. Presented at the AcademyHealth meeting, June 24.
- 2003 "Institutional Mechanisms and Isomorphic Quality in Nursing Homes." Presented at the INFORMS meeting, Istanbul, Turkey, July 7-10. Co-author with Jackie Zhang.
- 2003 "A Systems Framework for Evaluating Nursing Care Quality in Nursing Homes." Presented at the INFORMS meeting, Istanbul, Turkey, July 7-10. Co-author with Lynn Unruh.
2002. "Impact of strategic product-line extensions on price rivalry between proprietary prescription drugs and generic drugs." Presented at the Medical Care Section of the 130th Annual Meeting in Philadelphia, PA (9-13 November). Co-authored with Song Hee Hong.
- 2001 "Professional Practice: Nursing Administrative and Patient Outcomes Study." Coauthored with Barbara Mark. Presented at the 4th International Conference on the Scientific Basis of Health Services in Sydney, AU, September 22-24.
- 2000 "Impacts of Functionally Integrated Structural Mechanisms on Performance of Integrated Healthcare Networks." Presented at the annual meeting of the International Society of Technology Assessment in Health Care, Hague, Netherlands, June 18-20.
- 1999 "Do Integration Strategies Improve the Performance of Integrated Healthcare Networks." Paper presented at the International Conference on Evidence Based Healthcare Management, Toronto, Ontario, Canada, October 1-3.
- 1999 "Strategies and Implications of Biotechnology Development in A University Environment." The First International Symposium on Health Industry Promotion Strategies. Sponsored by Korea Health Services Management and Institute of Food Sanitation. Seoul, Korea. March 3.
- 1998 "The Impact of the Prospective Payment System on Technical Efficiency of Hospitals." Presented at the annual conference of INFORMS, Settle, Washington, October 26. Co-authored with Jin Chern.
- 1998 "Risk Adjustment Methodology for Measuring Adverse Health Events in Hospitals." Poster Session of the annual meeting of the Association for Health Services Research, Washington, D.C., June 22-23.

- 1997 "Organizational and Market Determinants of HMOs' Performance in Preventive Practice." Paper presented at the 13th International Meeting of the International Society of Technology Assessment in Health Care, Barcelona, Spain, May 25-28.
- 1995 "Validating Measurement of Hospital Performance." Paper presented at the 33rd International Conference of the Institute of Operations Research and the Management Sciences, Singapore, June 26.
- 1994 "Quality of Hospital Care." Presented at the SYSTED'94, Geneva, Switzerland, May 7.
- 1993 "Effects of Utilization of Case Management Related Services on the Quality of Life of the Community-based Frail Elderly." Presented at the annual meeting of the Gerontological Society of America. New Orleans, LA, Nov. 19-23. Co-authored with P.S. Ho and MeriBeth Stegall.
- 1992 "Patient Satisfaction Over Time in Medicare Beneficiaries." Presented at the Outcome Research in the Reformed Health Care System Conference, sponsored by the Center for Health Policy Research of the University of Maryland at Baltimore, October 4-6. Co-authored with P.S. Ho and M. Stegall.
- 1992 "Determinants of Hospital Performance." Paper presented at the annual meeting of AUPHA, Washington, D.C., March. Co-authored with Dolores Gurnick and M. Spotswood.
- 1991 "Hospital Variations in Adverse Patient Outcomes." Paper presented at the annual meeting of the Association of Health Services Research, San Diego, CA, July.
- 1991 "The Prevalence of Pharmaceutical Drug Diversion." Paper presented at the annual meeting of the American Public Health Association, Statistics Section, November 13, Atlanta, GA.
- 1990 "Modeling the Determinants of Informal and Formal Care by the Functionally Impaired Elderly." Paper presented at the annual meeting of the Gerontological Society of America, November 17-20, 1990 (With Meri Beth Stegall).
- 1991 "Hospital Variations in Adverse Patient Outcomes." Paper presented at the annual meeting of the Association of Health Services Research, San Diego, CA., June.
- 1991 "The Prevalence of Pharmaceutical Drug Diversion." Paper presented at the annual meeting of the American Public Health Association, Statistics Section, Atlanta, GA., November 13.
- 1990 "Validating a Frailty Index for the Chronically Ill Elderly." Paper presented at the annual meeting of the Gerontological Society of America, November 17-20 (with Michael Pyles).
- 1990 "Modeling the Determinants of Hospital Performance." Presented at the annual meeting of the American Public Health Association, Statistics Section, October 2, New York City, N.Y.
- 1990 "Prenatal Care and Prematurity in Central Virginia." Presented at the annual meeting of the American Public Health Association, Health Administration Section, October 2, New York City, N.Y.
- 1990 "The Effect of Community Characteristics on Hospital Readmission of Chronically Mentally Ill Patients." Co-authored with Jean Turner. Presented at the annual meeting of the American Public Health Association, Mental Health Section, October 1, New York City, New York.
- 1990 "Frailty as a Predictor of Institutionalization in A Panel of Community-Based Elders." Co-authored with Michael Pyles. Presented at the annual meeting of the Gerontological Society of American, November 18, Boston, MA.
- 1990 "The Effect of Formal and Informal Care on Institutionalization of the Elderly." Co-authored with Meri Beth Stegall. Presented at the annual meeting of the Gerontological Society of America, Boston, MA.
- 1989 "Modeling Organizational Determinants of Hospital Mortality." Presented at the annual meeting of the American Public Health Association, Medical Care Section, October 25, Chicago, Illinois.
- 1989 "Correlates of Drug Misuse Among the Elderly." Presented at the annual meeting of the American Public Health Association, Gerontological Health Section, October 24, Chicago, Illinois (with Meribeth H. Stegall).
- 1989 "Organizational Effectiveness in Retiree Health Benefit Design and Control." Presented at the annual meeting of the Gerontological Society of America, November 18, Minneapolis, MN (with Louis Rossiter and Margaret Rivnyak).

- 1989 "Prevention of Accidents and Injuries Among Older Adults Living in the Community." 1989 International Congress of Gerontology, Mexico.
- 1987 "Effect of Contextual Variables on the Community Length of Stay of Deinstitutionalized Mental Patients: A Factorial Ecology Approach." Presented at the annual meeting of the American Public Health Association, Mental Health Section, New Orleans.
- 1986 "Validating a Frailty Index for a Community-Based Elderly Population." Presented at the Gerontological Society of America Meeting, November 23, Chicago, IL.
- 1985 "A Structural Equation Model of Physician Productivity." Presented at the Annual Meeting of the American Public Health Association Statistics Section, November 19, Washington, D.C.
- 1985 "Organizational Analysis of a Hospital-sponsored Ambulatory Dental Care Program." Presented at the Annual Meeting of the American Public Health Association Dental Health Section, November 19, Washington, D.C.
- 1985 "The Effect of Community Resource Utilization on Deinstitutionalization of Mental Patients." Presented at the Annual Meeting of the American Public Health Association Mental Health Section, November 20, Washington, D.C.
- 1985 "The Continuity of Social and Physical Well-Being of Older Couples." Presented at the Annual Meeting of the Gerontological Society of America, November 26, New Orleans, LA.
- 1985 "Antecedents of Health Services Utilization by the Elderly: Some Empirical Results and Research Directions." Presented at the NIA/NCHSR Workshop on Aging and Formal Health Care, September 26-27, Bethesda, MD.
- 1983 "Health and Social Consequences of Concomitant Role Losses in Later Life." Presented at 1983 Annual Meeting of the American Public Health Association, Dallas, TX, November 15.
- 1983 "Psychological Symptoms, Social Support and Use of Health-Social Services by Functionally Disabled Elders." Paper presented at the International Conference on Systems Science in Health/Social Services for the Elderly and the Disabled, Montreal, Canada, July 10-16.
- 1982 "Excessive and Deficient Users of Health Services Among Functionally Impaired Elders." Paper presented at the Annual Meeting of the American Public Health Association, Gerontological Health Section, November 15.
- 1982 "Stressful Life Events, Social Support Networks and Gerontological Health." Paper presented at APHA meeting, Conference of Social Sciences and Health, November 15.
- 1982 "Job Satisfaction in Multi-Institutional Systems: An Empirical Approach." The AUPHA Annual Meeting, April 21-24, Washington, D.C.
- 1981 "The Perception of Environmental Well-Being of the Elderly: Implications for Mental Health Planning." Paper presented at the annual meeting of the American Public Health Association, Mental Health Section, Los Angeles, CA November 1-5.
- 1981 "The Frail Elderly: Their Needs and Use of Social and Health Services." Paper presented at the Annual meeting of the APHA, Social Work section, Los Angeles, CA November 1-5.
- 1981 "Identifying Target Groups for Ambulatory Geriatric Care: An Application of the AID Analysis." Paper presented at the annual meeting of APHA, Statistics Section, Los Angeles, CA November 1-5.
- 1981 "On the Scope and Methodology of Evaluation Research in Long-Term Care." Paper presented at the International Congress of Gerontology, Hamburg, Germany, July 10.
- 1980 "Social Support Networks, Patient Status and Institutionalization." Paper presented at the annual meeting of American Public Health Association, October 19-24, Detroit, MI.
- 1980 "Factors Affecting the Use of Social and Health Services Among the Elderly." Paper presented at the annual meeting of American Public Health Association, October 19-24, Detroit, MI (with B. Odell).

- 1980 "Encouraging Appropriate Care for the Chronically Ill: Design of the NCHSR Experiment in Nursing Home Incentive Payments." Paper presented at the annual meeting of American Public Health Association, October 19-24, Detroit, MI (with W.G. Weissert).
- 1980 "Identifying Unmet Service Needs of the Aged: A Needs Assessment Approach." Paper prepared for the annual meeting of the Gerontological Society, November 24, San Diego, CA (with B. Odell).
- 1980 "Informal Social Networks and Use of Skilled Nursing Facilities." Paper prepared for the annual meeting of the Gerontological Society, November 23, San Diego, CA.
- 1980 "The Influence of Life Change Among the Elderly on Residential Mobility: A Longitudinal Study." Paper presented at the annual meeting of the American Sociological Association, August 27-31, N.Y.
- 1980 "Correlates of Subjective Well-Being." A seminar given to the Case Center for Gerontology, The City University of New York Graduate Center, New York, N.Y.
- 1979 "Impact of Use of Ambulatory Geriatric Services on Institutionalization: An Experimental Study." Paper presented at the annual meeting of the Southern Regional Demographic Research Group, South Carolina, October 19.
- 1979 "Factors Affecting Area Variation in Health Services Utilization in Quebec, Canada." Paper presented at the Annual Conference of the American Public Health Association, Statistics Section, New York City, N.Y., November 7.
- 1979 "Impacts of Major Life Change Events on Gerontological Health: A Longitudinal Study." Paper presented at the annual meeting of the American Public Health Association, Gerontological Health Section, New York City, N.Y., November 5.
- 1979 "Patterns of Health Services Utilization in Low-Income Areas." Paper presented at the annual conference of the Operations Research Society of America/The Institute of Management Science, New Orleans, LA, May.
- 1979 "The Effect of Major Role Changes on Social Participation of Older Males." Paper presented at the annual meeting of the Gerontological Society, Washington, D.C., November 25-29.
- 1978 "Health Services Outcomes of Two Long-Term Care Modalities: Findings from the NCHSR Section 222 Experiments, to be presented at the APHA meeting, October 15-19, Los Angeles, CA (with W.G. Weissert).
- 1978 "Factors in Reducing the Gap in Dental Care in Five Low-Income Areas." Presented at the APHA meeting, October 15-19, Los Angeles, CA.
- 1978 "Determinants of Improved Functional Status Among Participants in Two Service Modalities: An Experimental Study in Long-Term Care." Presented at the APHA meeting, October 15-19, Los Angeles, CA (with B. Livieratos et al.).
- 1978 "Social Psychological and Physical Well-Being of the Disabled Elderly: An Evaluation of the Impact of Ambulatory Rehabilitation Programs." Presented at the IX World Congress of Sociology, August 14-19, Uppsala, Sweden (with W.G. Weissert).
- 1978 "Impact of A Comprehensive Care Package on Well-Being of the Elderly: The HEW Day Care and Homemaker Experiments," The 11th International Congress of Gerontology, August 20-24. Tokyo, Japan (with W.G. Weissert).
- 1978 "Social Inequalities in the Use of Preventive and Ambulatory Care Services." Presented at the 2nd International Congress of the World Federation of Public Health Associations, May 23-26, Halifax, Nova Scotia, Canada.
- 1977 "The Effects of Social and Health Care Factors on Hypertension Status: A Social Epidemiological Study." Presented at the National Conference on High Blood Pressure Control, April 13-15, Washington, D.C. (with L. Okada).
- 1977 "Validating A General Well-Being Index By Clinical Measures of Health," presented at the annual meeting of the Gerontological Society, November 19-22, San Francisco, CA (with B. Livieratos).

- 1977 "A Validation of the General Well-Being Index: A Two-State Multivariate Approach." Presented at the annual meeting of the American Public Health Association, Statistics Section. October 30-November 3, Washington, D.C. (with B. Livieratos).
- 1977 "Attempted Domain Expansion and Organizational Exchange: An Analysis of Service Agencies for the Elderly," presented at the annual meeting of ORSA/TIMS, May 9-11, San Francisco, CA.
- 1976 "An Organizational Analysis of the Determinants of Unmet Service Needs for the Elderly." Presented at the Aging and Retirement Section, American Sociological Association, August 30-September 3, New York City.
- 1976 "Problems in Access to Health Care Among Ethnic Groups." Presented at the Conference on "A Consultation on Ethnicity and Social Welfare" sponsored by the School of Social Work and Community Planning, University of Maryland at Baltimore. January 15-16.
- 1975 "Social and Health Indicators for Policy Analysis and Evaluation Research." Paper prepared for the Round Table Section, Washington, D.C., Southern Sociological Society.
- 1974 "Prediction of Dental Services Utilization: A Behavioral System Approach." Presented at the annual meeting of the American Public Health Association, Dental Health Section, October 21, New Orleans, LA.
- 1974 "Multivariate Analyses of Health Services Utilization." Presented at the Health Services Research Workshop, Center for Health Administration Studies, University of Chicago, February 7, 1974.
- 1973 "Identification of the Correlates of Mental Health-Related Problems: A Primary Preventive Approach." Prepared for the annual meeting of the American Public Health Association, Mental Health Section, November 6, 1973, San Francisco, CA (with C.S. Goldstein).
- 1973 "A Multivariate Analysis of the Determinants of Physician Utilization." Prepared for the annual meeting of the American Public Health Association, Statistics Section, November 7, 1973, San Francisco, CA (with S.J. Soifer).
- 1973 "Effects of Social Epidemiological Factors on the Severity of Disability for the White and Nonwhite Disabled." Presented at the annual meeting of the American Sociological Association, Medical Sociology Section, August 29, 1973, New York City.
- 1972 "Teaching Epidemiology for Social Scientists." Paper presented at the colloquium of the Department of Epidemiology, Columbia University School of Public Health and Administrative Medicine, April 12, 1972.
- 1971 "Status Stress and Work-Limiting Morbidity." Presented at the annual meeting of the American Sociological Association, Medical Sociology Section, August-September, Denver, CO.
- 1971 "Socioeconomic Status, Migration and Morbidity." Presented at the annual meeting of the Population Association of America, Washington, D.C.

PROFESSIONAL MEMBERSHIP

American Medical Informatics Association
 Association of University Programs in Health Administration (AUPHA)
 AcademyHealth
 Gerontological Society of America (Fellow)
 Association for Policy Analysis and Management

HONORS RECEIVED

University of Chicago Fellow, Summer 1969.
 Population Council Grant-in-aid, Summer 1969.
 NIH Post-doctoral Fellow at Johns Hopkins University School of Hygiene and Public Health, 1970-1971.
 B.O. William Memorial Award (University of Georgia), 1970.
 Associate Editor, Research on Aging, 1981 to present.

Member of Editorial Board, Journal of Gerontology (Social Sciences), 1986-1989.
 Travel Award for the International Congress of Gerontology, 1981 Gerontological Society Fellow, 1981.
 Governing Council (elected for the Medical Care Section, American Public Health Association) 1982
 Chair, Health Services Research Organizing Committee, AUPHA (1991)
 Jerry L. Norville Award for Excellence in Education, 1991.
 Member of the National Committee on Vital and Health Statistics, Centers for Disease Control & Prevention, appointed by Secretary Louis W. Sullivan, 1991-1996.
 Member of the NIH Study Section (Nursing Research), 1997-2004.
 Member of the NIH Study Section (Health Services Organization and Delivery), 2005-2009.
 Recipient of the Presidential Medal (Pametni Medaili), University of Palacky, the Czech Republic, September 25, 1997 (for establishing a graduate healthcare management program at this university).
 Honorary Professor, Kazakhstan School of Public Health, Agency of the Health Care for the Republic of Kazakhstan, 2000 (for establishing a graduate healthcare management program at this university).
 Guest editor for four special issues on Public Affairs Informatics Research, International Journal of Public Policy (2005 to present).
 Editorial Board, the International Journal of Public Policy, 2005- present.
 The Best Paper on “Healthcare Informatics Research” selected by the Mid-west Business and Health Administration Association, March 16, 2005.
 Award for Excellence for the Best Article published in the Journal of Managed Care Pharmacy in 2005.

MENTORING EXPERIENCE:

Doctoral students: Has chaired **60** doctoral dissertations; 10 graduates returned to Taiwan.

Post-Doctoral Trainees: 11

Name	Period	Current Position	Address
John S. J. Chung, MD, Ph.D.	1995-1997	Private practice	Soeul, Korea
Ky Hou Lee, Ph.D.	1998-1999	Professor	Pusan, Korea
James Falk, Ph.D.	1997-1998	Professor	Brazil
Song Hee Hong, Ph.D.	1998-2000	Assistant Professor, University of Tennessee	Knoxville, TN
Allan March, MD	2003-2004	Medical Director	Orlando, FL
Jackie Zhang, MD, Ph.D.	2003-2004	Assistant Professor, Univ. of Central Florida	Orlando, FL
Maxime Gagnon, Ph.D.	2004-2006	Researcher	Montreal, Canada
Hai Jong Lee, Ph.D.	2005-2006	Professor, University of Yonsei	Soeul, Korea
Bayram Sahin, Ph.D.	2006	Assistant Professor, Hacettepe University	Ankara, Turkey
Ying Ying Lo, Ph.D. candidate	2007	Researcher	Kaohsiung, Taiwan
Chiung Ya Tang, Ph.D.	2007	Research Associate	UCF