CURRICULUM VITAE

Ning Lu, Ph.D., M.P.H., Associate Program Director for MHA

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EDUCATION

Doctor of Philosophy in Health Services and Policy Management (August, 1998) University of South Carolina Arnold School of Public Health Department of Health Services Policy and Management Columbia, South Carolina

Master of Public Health (December, 1994) University of Pittsburgh Graduate School of Public Health Department of Health Services Administration Pittsburgh, Pennsylvania

PROFESSIONAL AND RESEARCH EXPERIENCE

Professor, Tenured (July 1, 2013 – Present) Associate Professor, Tenured (September 2007 – June 30, 2013) Interim Chair, Department of Health Administration (August 2011-August 2012) Associate Program Director, Graduate Program of Health Administration (August 2012- Present) Program Director, Bachelors of Health Administration Program (August 2007 – August 2008) Governors State University

Department of Health Administration, College of Health and Human Services

1. Teaching

- HLAD 8102 Healthcare Program Planning and Evaluation (Graduate)
- HALD 8103 Healthcare Quality Improvement Concepts and Tools (Graduate)
- HLAD 8101 Quantitative Decisions-Making for Healthcare Managers (Graduate)
- HLAD 7105 Applied Research Methods for Health Administration (Graduate)
- HLAD 4901 Institutional Management of HealthCare (Undergraduate Capstone)
- HLAD 4099 Health Administration Practicum (Undergraduate Practicum)

2. Selected Research Activities

- Using Hospital Compare Data issued by DHHS to conduct hospital quality analysis
- Grant proposal to AHRQ: Inequalities in Healthcare Quality Measures between Rural and Urban Hospitals: Heretical Learner Modeling
- Using IL BRFSS data to conduct research
- Using Kentucky Household Survey to examine the healthcare disparity between rural and urban working-age adults.
- Using Kentucky Government Entity Survey to conduct research on County Employee Health Insurance

3. Selected Funded Research Activities

- Principal investigator: Urban-rural difference in health care utilization, quality of care, and access to care in Kentucky
 - \$19,000
 - Funded by the State Planning Grants, Healthcare Systems Bureau, Health Resources and Services Administration, DHHS, Rockville, MD (Grant No. 2 P09HS04012-02-00)
 - Project period: March 2006 to March 2008
- Principal investigator: Trend of health benefit for government employees
 - \$1,915
 - Funded by GSU Faculty Professional Development Fund; and by University Research Grant
 - Project period: AY 2008-2009.
- Principal investigator: Disparities in Hospital Care Quality between Rural and Urban Areas in the United States
 - \$1,850
 - Funded by GSU University Research Grant
 - Project period: AY 2010-2011
- Co-Principal investigator: Survey of healthcare senior executives on interpersonal skills of new healthcare managers
 - \$1,500
 - Funded by GSU University Research Grant
 - Project period: AY2010-2011
- Mentor: Racial/Ethnic Disparities in the Utilization of High-Technology Hospitals
 - Funded by Building Capacity in Health Disparities Research (HDR) at GSU).
 - Project period: 2007-2009

4. Major contributions as the Interim Chair (August 2011 to August 2012)

 Lead and initiate the development and implementation of the competency model in Graduate Program of Health Administration

I developed the competency model that will be used for the reaccreditation by Commission on Accreditation of Healthcare Management Education (CAHME). The process of developing the company modal takes the efforts of searching the best practice, define each competency, and determine the domain and level of the competencies that the students are provided to achieve. After the competency model and matrix is done it is shared, discussed and approved by the faculty and the Advisor Board.

- Lead the preparation for the self-study for CAHME accreditation
- Develop and implement pre-posttest of MHA students to measure and evaluate the graduate program performance

With the help of faculty I have developed and implemented the pre-posttests with 50 questions each for the fall and spring semester. The tests have been given in the beginning of each semester in HLAD 7101 (the first introduction class) and by the end of each semester in HLAD 8901 (the capstone course)

Revise alumni survey questionnaire and implement alumni survey

Based on comments and recommendations of the accreditation body (CAHME) I revised the alumni survey and shared with the faculty and the Advisor Board. The revised alumni survey was approved by the faculty and the Advisor Board in the Spring 2012 and carried out in the same semester.

Establish recruitment and retention committee

I set up the Recruitment and retention Committee with an appointed Chair and the volunteer faulty members. The committee has met regularly to develop the recruitment strategies and provide suggestions to the Chair. The enrollment in Undergraduate program has been steadily increasing. For the graduate program target the student population has be identified and the enrolment of BHA students in graduate program has a significant increase.

Revise and change MHA admission requirements

To address the concerns of the quality of MHA applicants and a downward trend in MHA enrollment, I initiated, lead and personally wrote the proposal to change in MHA admission requirement. The proposal was approved by faculty, UCC and the provost office. The new admission requirements were implemented in the Spring 2011.

Revise MHA curriculum

Based on the concerns and comments of CAHME, I initiated and led the change in MHA curriculum to strengthen health care law, finance, ethics and marketing in MHA curriculum.

 Develop MHA Thesis Guideline and Streamline the Thesis Application and Approval process I have developed the MHA Thesis Guideline that was nonexistent in the Department of Health Administration. The guideline is approved by the faculty and made available on GSU website. I also streamlined the thesis application and approval process. The forms for the application and approval are also available to students and faculty members online.

Revise BHA curriculum

Two courses offered in BHA program had been taught in other colleges since the inception of BHA program. Based on the comments and suggestions of the accreditation body, The Association of University Programs in Health Administration (AUPH), I initiated the development of two courses to be healthcare administration specific and be taught in BHA program. They are: HLAD 3108 Health Care and Politics and HLAD 3109 Ethics in Health Care

Lead Long-term care administration re-certification efforts

With the help of undergraduate student advisor, the long-term care administration program was successfully renewed in November 2011 by Illinois Department of Financial and Professional Regulation.

- Revise Department budget to increase the financial support for junior faculty research and development and decrease the financial support for trips to attend conferences without a presentation
- Develop potential exchange program with Chinese University
- Update all program information made available on HLAD website
- Update all forms for students and faculty to use

5. Major contributions as the Undergraduate Program Director

- Revise BHA course sequence
- Develop BHA Curriculum Flowchart
- Streamline BHA practicum application, monitoring and evaluation, activities include:
 - Revises HLAD 490/HLAD 4099 Syllabus and made it available for all faculty who supervise the practicum
 - Develop HLAD 490/HLAD 4099 Status Report for students and preceptors
 - Develop HLAD 490/HLAD 4099 Practicum Log Example for students
 - Develop Preceptor Evaluation Form
- Write BHA re-certification report 2008

6. Selected Service

- Service to the External Community
- Officer, Section Council of American Public Health Association, Community Health Planning and Policy Development (CHPPD), 2004-2007
- Member, Editorial Board of Journal of Health and Medical Informatics (JHMI), 2010- present
- Referee, <u>Journal for Healthcare Quality (JHQ)</u>, 2011-present

- Referee, <u>Journal of Health Administration Education (JHAE)</u>, 2010 present
- Referee, <u>Journal of Clinical Consulting and Clinical Psychology (JCCP)</u> 2004
- Accreditation Reviewer, Association of University Program In Health Administration (AUPHA), 2012.
- Reviewer, Submissions to Annual Meeting of American Public Health Association, 2005-20008

- Services to the University and College Committees

- Member, Faculty Senate Committee, AY 2007-2008
- Member, Strategic Planning Steering Committee, September 2007 June 2010
- Member, Institutional Review Board, AY 2007 present
- Member, President Diversity Council (PDC), AY 2008 AY 2010
- Member, Academic Master Plan Committee (AMP), AY 2010 present
- Member, University Personnel Committee (UPC), AY 2010 2011
- Member, College Academic Affairs Committee (CAA), AY 2010 –2011
- Member, College Grievance Committee, AY 2010 present
- Member of Eliminating Health Inequity: From Research to Practice Conference Committee, October, 2010
- Member, Search Committee for Vice President for Enrollment Management and Marketing, AY 2011

- Selected Service to the Department Committees

- Graduate Program Associate Director, AY 2012-
- Member, Department Personnel Committee, AY 2007-2011
- Chair, Department Personnel Committee AY 2012 -
- Co-chair, Graduate Program Admission Committee, AY 2010 present
- Chair, Search Committee for faculty position, AY 2010-2011 (successfully filled all three positions)
- Mentor to Junior faculty
- Collaborating with junior faculty in research activities by
 - ✓ Participating mentor training
 - Provide guidance to junior faculty members in their research conceptualization and statistical analysis
 - ✓ Publish research results

Tenured Associate Professor (August 2004 – September 2007) Associate Professor (August 2003 – September 2007) Assistant Professor (August 1998 – August 2003) Interim Director of Public Health Program (January 2003 – August 2004) Western Kentucky University, School of Health and Human Services Department of Public Health

1. Teaching and teaching related activities

- Courses taught
- HCA 543 Healthcare Quality and Accountability (Graduate)
- PH 501 Research Methods in Healthcare Services (Graduate)
- PH 583 Healthcare Administration (Graduate)
- PH 520 Biostatistics in Health Science (Graduate)
- HCA 434 Healthcare Quality Management (undergraduate)
- HCA 346 Ambulatory Care Management (undergraduate)
- PH 483 Administration of Health Programs (undergraduate)
- PH 381 Community Health (undergraduate)

- Development of core courses:

- PH 591 Program Evaluation (Graduate)
- HCA 383 (Lab Course) Statistical Application in Health Care (Undergraduate)
- Advising both undergraduate and graduate students, supervising students in independent studies.
- Serving on student thesis committees
- Development of Public Health Inventory (PHI)

2. Selected Grant Activities

- External grant activities:
- 1) Principal Investigator: "Urban-rural difference in health care utilization, quality of care, and access to care in Kentucky"
 - **\$19,000**
 - Funded by the State Planning Grants, Healthcare Systems Bureau, Health Resources and Services Administration, DHHS, Rockville, MD (Grant No. 2 P09HS04012-02-00)
 - Project period: March 2006 to March 2008
 - Results:
 - One publication in peer-reviewed journal
 - One presentation at the 30th National Rural Health Association's Annual Conference to present a contributed session in May 2007.
 - One presentation at the AcademyHealth's Annual Research Meeting 2007 the premier form for health services research.
- 2) Project Director: "Injury Surveillance Using Hospital Emergency Department Data"
 - \$23,660
 - Funded by Barren River District Health Department
 - Project period: May 2006-May 2007
 - Lead the design of the project
 - Consult to the Director of Barren River District Health Department

- Supervising the analysis of unintentional injury hospital data
- Training staff of Barren River District Health Department
- Co-Principal Investigator: "Estimation of healthcare workforce supply and demand in Kentucky"
 - **\$6,000**
 - Funded by Foundation for Healthy Kentucky
 - Project period: AY 2006
 - Final report to board meeting of Foundation for a Healthy Kentucky

- Internal grant activities:

- 1) Principal Investigator: "Hospital culture of patient safety in Kentucky"
 - **\$1,400**
 - Funded by Faculty Scholarship, Western Kentucky University, 2006
 - Final report submitted to Kentucky Hospital Association
- 2) Principal Investigator: "Access to health care Changes in China's health care system"
 - **\$5,000**
 - Funded by Summer Faculty Scholarship, Western Kentucky University, 2004.
 - Lecture at Chinese healthcare organizations
 - One presentation at the APHA Conference
- 3) Principal Investigator: "Health Profile of Kentucky Adults Population: Kentucky BRFSS 2000 Survey Analysis"
 - **\$3,985**
 - Funded by junior faculty research grant, Western Kentucky University, AY2000
 - Two presentations at the APHA Conference of 2002
 - One publication in a peer reviewed journal
- 4) Co-Principal Investigator: "National Lesbian, Gay, Bisexual and Transgender College Student Health Survey 2000-2001"
 - **\$4,000**
 - Funded by faculty research grant, Western Kentucky University, 2003
 - Three presentations at the APHA conference
 - One publication in peer reviewed journal
- 5) Co-Principal Investigator: "School-Based Driver and Traffic Safety Education in Kentucky"
 - **\$4,214**
 - Funded by American Automobile Association, Louisville Chapter, 1999-2001
 - One presentation at the Safety Council Conference in Orlando, FL, October 16 18, 2000

3. Selected Research Activities

- Principal Investigator: Investigation of socioeconomic differences in health: the role of health behavior and health insurance coverage
- Principal Investigator: Investigation of the trend and disparities in breast and cervical cancer screening practices in Kentucky women between 1991 and 2000.
- Principal Investigator: Investigation of the role of Kentucky state health care reform in changes in access to health care between 1991 to 2000.
- Principal Investigator: Investigating the trend in health insurance coverage or employed workers in Kentucky between 1995 to 2001.
- Co-Principal Investigator: Examination of chemical and bioterrorism preparedness of Kentucky Hospitals.
- Principal Investigator: Investigation of the dietary behavior in relation to socioeconomic characteristics and self-perceived health status.
- Co-Principal Investigator: Investigation of the increased use of medical care resources associated with child day care attendance in South Carolina.
- Co-Principal Investigator: Investigation of the infectious disease morbidity associated with child day care in South Carolina
- Co-Principal Investigator: Investigation the relationship between hospital payment mechanism and employees work attitudes in Taiwan.

4. Selected University and Public Service

- Interim Director of Public Health Program (January 2003 August 2004)
 - Directing MPH program
 - Leading MPH accreditation activity
 - Preparing for interim report to CEPH
 - Day-to-day management of MPH program
- Serve on Departmental Committees:
 - Member, Graduate Curriculum and Research Committee (AY 2003-2007)
 - Member, Health Care Administration Committee (AY 1998 2007)
 - Member, Public Health Committee (AY 1998 2006)
 - Member, Strategic Planning and Quality Control Committee (AY 2003 2007)
 - Chair, Recruitment and Retention Committee (AY 2001-2003)
 - Member, Library Committee (AY 1999 2003)
 - Member, Data Task Force Committee (AY 2002-2003)
 - Member, Search Committee

- Serve on University Committees:
 - College representative, University Program Assessment Committee (AY 2004 2005)
 - Member, Human Subjects Review Board (AY 2002 2007)
 - Member, Graduate Faculty Committee (AY 1998 2007)
 - Member, College Sabbatical Committee (AY 2005 2007)
- Serve on National Organizations:
 - Councilor, Community Health Planning and Policy Development Section, American Public Health Association (2004 2007)
- Other professional experiences:
 - Consultation: Providing research design and statistical consultation to research projects and to individual researchers.
 - Accreditation of the MHA and MPH program
- Manuscript review for peer-reviewed journals:
 - Reviewer, Journal of Consulting and Clinical Psychology
 - Reviewer, Submissions to APHA annual meeting
- Exploring possibility for collaboration and exchange program with universities and hospitals in P.R. China.
- Invited Presentations to institutions in China:
 - Topic: Introduction to U.S. Health Care System.
 Presented to: Beijing Tongren Hospital, Beijing, P.R. China.
 June 13, 2004.
 - Topic: Introduction to U.S. Health Care System.
 Presented to: School of Health Administration and Development Capital University of Medical Sciences, Beijing, P.R. China June 24, 2004.
 - Faculty Exchange Program
 Chongqing Technology and Business University P.R. China
 May 2005
 Lecture: Financing U.S. Health Care System

Research Assistant (May 1997 – August 1998)

Johns Hopkins University, School of Hygiene and Public Health

Department of Policy and Management, Primary Care Policy Center

- Involved in the research project: "Uniform Data System (UDS)", used by all grantees of primary care system development programs, administered by the Bureau of Primary Health Care (BPHC), Health Resources and Services Administration.
 - Writing proposal about data quality control, data dissemination, and utilization.

- Conducting research on primary care services and managed care by analyzing data collected through UDS.
- Using National Hospital Discharge Survey (NHDS) to conduct health services research on:
 - Individual and hospital characteristics in relation to hospitalizations for pediatric ambulatory care sensitive conditions.
 - Quality of primary care associated with chronic conditions.
 - Using National Health Interview Survey (NHIS) to conduct research on:
 - 1) The association of individual health insurance status to multiple factors that are related to individual characteristics, health status, and health services utilization characteristics.
 - 2) Comparing Medicaid and managed care with regard to quality and utilization of health services.

Graduate Assistant (August 1995 – May 1997)

University of South Carolina, Arnold School of Public Health

Department of Health Services Policy and Management

- Research Assistant to the CDC sponsored project: "Infectious Disease Morbidity Associated With Child Day Care", funded by the Centers for Disease Control and Prevention (CDC)
- Using South Carolina Behavioral Risk Factor Surveillance System (BRFSS) data to conduct health services researches on:
 - The joint association of various individual characteristics with different dimensions of selfperceived health status.
 - Individual dietary behavior in relation to demographics, socioeconomic and health status, examining the impact of dietary behavior on individual general health.
- Involved in the research project of the Prevention Center: "Impact of Trichloroethylene on Oral Motor, Speech and Hearing Impairment in Children", funded by the Agency for Toxic Substances and Disease Registry.

HONORS AND AWARDS

Nomination, Faculty Award for Outstanding Research/Creativity, College of Health and Human Services, Western Kentucky University, AY 2005-2006

Award, Most Publications, College of Health and Human Services, Western Kentucky University, AY 2005-2006

Award, Excellence in Teaching, Graduate Studies, Student Government Association, Western Kentucky University, AY 2002-2003

Nomination, Outstanding Student Advisor of the Year, College of Health and Human Services, Western Kentucky University, AY 2002-2003

Nomination, Outstanding Student Advisor of the Year, School of Health and Human Services, Western Kentucky University, February 2003-2004

Nomination, Board of Directors, Kentucky Public Health Association, 2000

Elected Honorary Member, Delta Omega Honorary Society in Public Health, Mu Chapter, 1999

Research Fellowship, awarded by World Health Organization, 1993.

PROFESSIONAL MEMBERSHIPS

AcademyHealth (Formerly Health Services Research and Health Policy) (2004 – present) The Association of University Programs in Health Administration (1998– present) American Public Health Association (1995 – present) Delta Omega Honorary Society in Public Health, Mu Chapter (1998 – present) Councilor, Community Health Planning and Policy Development Section, American Public Health Association (2003-2007) Society of Prospective Medicine (1998–2004) Kentucky Public Health Association (1998 – 2007)

PUBLICATIONS

Kuo-cherh Huang, **Ning Lu**, Wei-Jung Chang, Hui-Chih Chang, Jiun-Shyan Chen. Correlates of Perceived Competitive Advantage among Hospital Management: A Multilevel Analysis. *Journal of Experimental and Clinical Medicine*, 2012; 4(3): 170-174.

Ning Lu, Michael Samuels, Phillip Kletke, Elmer Whitler. Rural-Urban Differences In Health Insurance Coverage And Patterns Among Working-Age Adults In Kentucky. *Journal of Rural Health.* 2010; 26(2):129-138

Kim Tae, Linda Samson, **Ning Lu**. Racial/Ethnic Disparities in the Utilization of High-Technology Hospitals. *Journal of the National Medical Association*. 2010; 102 (9): 803-810.

Kuo-cherh Huang, **Ning Lu**, Yi-Hsin Hsu, Mei-Ling Sheu, Che-Ming Yang and Yi-Hua Chen. Coping with National Health Insurance: Strategic behaviors of Taiwan's hospitals. *The Service Industries Journal*. 2009; 29 (6): 861-873

Lisa Lindley, Molly Kerby, Thomas Nicholson, **Ning Lu**. Sexual behaviors and sexually transmitted infections among self-identified lesbian and bisexual college women. *Journal of LGBT Health Research*. 2007; 3 (3): 41-54.

Ning Lu, Michael Samuels, Richard Wilson. Socioeconomic Differences in Health: How much do health behaviors and health insurance coverage account for? *Journal of Health Care for the Poor and Underserved*. 2004; 15(4): 618-630.

Ning Lu, Michael Samuels, Leiyu Shi, Jimy Sanders, Samuel Baker, Saundra Glover. Child Day Care Risks of Common Infectious Diseases Revisited. *Child: Care, Health and Development,* 2004; 30(4): 361-368.

Kuo-Cherh Huang, **Ning Lu**, Yi-Hsin Hsu, Mei-Ling Sheu, Chao-Hsiun Tang. Impacts of forming strategic hospital alliances on hospitals' performance. *Journal of Healthcare Management*, 2004; 5(3), 340-55.

Kuo-Cherh Huang, **Ning Lu**, Chao-Hsiun Tang, & Chuang-I Huang. Fairness perceptions and work attitudes revisited: Roles of employee specialty, hospital level and ownership. *International Journal of Human Resource Management*. 2004; 15 (7): 1317-1329.

Wayne Higgins, **Ning Lu**, Ruth Carrico. Assessing Hospital Preparedness Using an Instrument Based on the Mass Casualty Disaster Plan Checklist: Results of a Statewide Survey. *American Journal of Infection Control*. 2004; 32(6): 327-332.

Lisa Lindley, Molly Kerby, Thomas Nicholson, **Ning Lu**. HIC/STI Associated risk behaviors among self-identified lesbian, gay, bisexual and transgender college students in the U.S. *AIDS Education* & *Prevention: An Interdisciplinary Journal*. 2003;15(5): 413-429.

Ning Lu, Michael E. Samuels, Kuo-cherh Huang. Dietary Behavior in Relation to Socioeconomic Characteristics and Self-Perceived Health Status. *Journal of Health Care for the Poor and Underserved*. 2002; 13:241-257.

Ning Lu, Michael Samuels. Increased Health Care Utilization Associated with Child Day Care among HMO and Medicaid Enrollees. *Ambulatory Child Health Journal*, 2001; 7: 219-30.

Leiyu Shi, **Ning Lu**. Individual Sociodemographic Characteristics Associated with Hospitalization for Pediatric Ambulatory Care Sensitive Conditions. *Journal of Health Care for the Poor and Underserved*. 2000; 1(4): 373-84

Leiyu Shi, **Ning Lu**, Mingming Zhao, Kathi Kelly, Youjie Huang. Respiratory Symptoms and Use of Medical Care Associated with Child Day Care and Health Care Plan Among Preschool Children. *The Journal of South Carolina Medical Association*. 2000; 96(8): 335-40.

Cheng-Chieh Lin, Tsai-Chung Li, **Ning Lu**, Leiyu Shi. Patient And Hospital Factors Associated With Hospital Admissions For Ambulatory Care Sensitive Conditions. *Mid-Taiwan Journal of Medicine*, 2000; 5 (1):1-14.

Michael D. Ballard, **Ning Lu**. Adolescent Health and Safety Risk Assessment. *KAHPERD Journal*, 1999; 35(1): 26-9.

Leiyu Shi, **Ning Lu**. Personal Characteristics and Self-Assessed Health. *Medical Care*, 1997; 35(10): 1069-78.

Ning Lu, Zhulin Li. Effect of Using Co⁶⁰ and Medical Linear Accelerator For Treating Lung Cancer. Journal of General Army Hospital of Beijing Military Region, 1989; 6: 21-24. (in Chinese).

PROFESSIONAL PRESENTATIONS AND REPORTS

Selected Peer-Reviewed Presentations at International Conferences:

Kuo-Chung Huang, **Ning Lu**, Che-Ming Yang, et al "Perceived Determinants of Competitive Advantage and Hospital Performance under Taiwan's National Health Insurance among Hospital Managers: Homogeneity or Diversity?" Presented at the European Health Management Association Annual Conference, June 24-26, 2009, Innsbruck, Austria.

Selected Peer-Reviewed Presentations at National Conferences

Kuo-Chung Huang, **Ning Lu.** Associations between the Trends of Primary Care Manpower and Avoidable Hospitalization Rates in a Universal Health Insurance System: A 15-Year Populationbased Trend Analysis. Presented at the AcademyHealth's Annual Research Meeting (ARM), June 23-25, 2013, Baltimore Maryland

DeLawnia Comer-Hagans, **Ning Lu**. Socioeconomic Status and Demographic Disparities in Utilizing Dilated Eye Exams to be presented at the Science of Eliminating Health Disparities Oct. 31-Nov 3, 2012. National Harbor, Maryland.

Ning Lu, Rupert Evans, Michael Samuels. Rural-Urban Differences in Hospital Performance in the United States: The Role of Hospital Characteristics. Presented at the 138th Annual Meeting of American Public Health Association, November 8-10, 2010. Denver, USA

Ning Lu, Michael Samuels. Rupert Evans. "Disparities in Hospital Care Quality Between Rural and Urban Areas in the United States" Accepted for presentation at AcademyHealth Annual Research Meeting, June 12-14, 2010. Boston, MA, USA

Ning Lu, Michael Samuels, Elmer Whitler. Phillip Kletke. "Tough Time, Tough Choice – Health Benefit for Employees of County Governments" Presented at the AcademyHealth Annual Research Meeting, June 28-30, 2009, Chicago, IL, USA.

Kuo-Chung Huang, Wang-Ping Lee, **Ning Lu**, et al. "Examining Differences in Performance of Taiwan's Hospitals across Types of Adaptive Strategies under the Global Budget Payment Scheme". Presented at the AcademyHealth 2009 Annual Research Meeting, June 28-30, 2009, Chicago, IL, USA.

Ning Lu, Michael Samuels, Phillip Kletke, Elmer Whitler. "Rural-Urban Disparities In Health Insurance Coverage Among Working-Age Adults In Kentucky" Presented at the 136th Annual Conference of *American Public Health Association (APHA)* in San Diego, CA, 2008.

Ning Lu, Michael Samuels, Elmer Whitler. "How Does Access to Care Differ between Rural and Urban Working-Age Adults?" Presented at the Annual Research Meeting of AcademyHealth in Orlando, Florida, June 2007

Ning Lu, Michael Samuels, Elmer Whitler. "Rural – Urban Inequalities in Health Insurance and Coverage among Kentucky Adults" Presented at the 36th Annual Conference of Rural Health Association, May 2007.

Kuo-cherh Huang, **Ning Lu** "Cope with National Health Insurance: Strategic Behaviors of Taiwan's Hospitals" Presentation at the 2005 Annual Research Meeting of AcademyHealth (formerly Health Services Research and Health Policy) in Boston, Massachusetts, June 26-28, 2005

Kuo-Cherh Huang, **Ning Lu**. "Exploring strategic competencies and performance of Taiwan Hospitals under the National Health Insurance program". Presented at the 133rd Annual Conference of *American Public Health Association (APHA)* in Philadelphia, PA, 2005.

Lisa Lindley, **Ning Lu**, et al. "Self-reported sexual behaviors and sexually transmitted infections among lesbian and bisexual college women" Presented at the 133rd Annual Conference of *American Public Health Association (APHA)* in Philadelphia, PA, 2005.

Ning Lu, Michael Samuels, Kuo-Cherh Huang. "Access to health care: Changes in China's health system". Presented at the 132nd Annual Conference of *American Public Health Association (APHA)* in Washington D.C. November 6-10, 2004.

Ariel Lapena Sarmiento, Lisa Lindley, **Ning Lu**, Richard Wilson. "Episodic heavy drinking and marijuana use among college students". Presented at the 132nd Annual Conference of American Public Health Association (APHA) in Washington D.C., November 6-10, 2004.

Ning Lu, Wayne Higgins. "Trends in Health Insurance Coverage for Employed Workers: *Kentucky*, 1995 to 2001" Presented at the Financial And Economic Issues In Crossing The Quality Chasm Forum of Association of University Programs in Health Administration (AUPHA) June 26-29, 2003.

Ning Lu, Wayne Higgins, Michael Samuels. "Changes in access to health care, 1991-2000: The role of Kentucky state health care reform". Presentation at the131st Annual Conference of *American Public Health Association (APHA)* in San Francisco, CA. November 15-19, 2003.

Ning Lu, Wayne Higgins. "Trends in health insurance coverage for employed workers: 1991 to 2001". Presentation at the 131st Annual Conference of *American Public Health Association (APHA)* in San Francisco, CA. November 15-19, 2003.

Ning Lu, Richard Wilson. "Trends and disparities in breast and cervical cancer screening practices in Kentucky women: 1991-2000". Presentation at the131st Annual Conference of American Public Health Association (APHA) in San Francisco, CA. November 15-19, 2003.

Kuo-Cherh Huan, **Ning Lu**, Chao-Hsiun Tang, Yi-Hsin Hsu, Che-Ming Yang. Examination of the relationships between strategic behaviors and performance of hospitals in Taiwan. Presentation at the 131st Annual Conference of *American Public Health Association (APHA)* in San Francisco, CA. November 15-19, 2003.

Lisa Lindley, **Ning Lu**, Thomas Nicholson, Molly Kerby. "HIV/STI associated risk behaviors among lesbian, gay and bisexual college students: Implications for prevention programming". Presentation at the 131st Annual Conference of *American Public Health Association (APHA)* in San Francisco, CA. November 15-19, 2003.

Wayne Higgins, **Ning Lu**, John White. "Preparedness of Kentucky hospitals for mass casualty events: Results of a statewide survey". Presentation at the 131st Annual Conference of *American Public Health Association (APHA)* in San Francisco, CA. November 15-19, 2003.

Ning Lu, Richard Wilson. "Socioeconomic status, health behaviors, and health status of Kentucky adult population: Findings from the Behavioral Risk Factor Surveillance System (BRFSS), 2000". Presentation at the 130th Annual Conference of *American Public Health Association (APHA)* in Philadelphia, PA. November 9-13, 2002.

Ning Lu, Richard Wilson. "Socioeconomic Difference in Health: How Much is Due to Health Risk Behaviors and Access to Health Care?" Presentation at the 130th Annual Conference of American Public Health Association (APHA) in Philadelphia, PA. November 9-13, 2002.

Kuo-Cherh Huang, Chung-I Huang, **Ning Lu**, Chao-Hsiun Tang, Ming-Chin Yang, Che-Ming Yang. "Relationship between hospital employee perception of compensation equity and working attitude". Presentation at the 130th Annual Conference of *American Public Health Association (APHA)* in Philadelphia, PA. November 9-13, 2002.

Lisa Lindley, Molly Kerby, Thomas Nicholson, **Ning Lu**. "Health risk behaviors of lesbian, gay, bisexual and transgender college students in the United States". Presentation at the 130th Annual Conference of *American Public Health Association (APHA)* in Philadelphia, PA. November 9-13, 2002.

Michael Ballard, **Ning Lu**, Glenn Lohr. "Driver Education in Kentucky". Presentation at the Safety Council Conference in Orlando, FL, October 16 - 18, 2000.

Ning Lu, Kuo-cherh Huang, Michael Ballard. "Individual Characteristics and Preventable Hospitalizations for Chronic Conditions Among Adult Population". Presentation at the 36th Annual Meeting of the Society of Prospective Medicine in Pittsburgh, PA, September 23 - 26, 2000.

Proceedings and Reports

Kuo-Cherh Huang. Wang-Ping Lee, **Ning Lu**, et al. Perceived Determinants of Competitive Advantage and Hospital Performance under Taiwan's National Health Insurance among Hospital Managers: Homogeneity or Diversity? *Proceedings of Annual Conference of European Health Management Association*. 2009;105-107.

Wayne Higgins, **Ning Lu**, Charles Wainright. "Preparedness of Kentucky Hospitals for Mass Casualty Events: Preliminary Results of a State-Wide Survey". Report to The Kentucky Hospital Association, December, 2002

Leiyu Shi, **Ning Lu.** "Infectious Disease Morbidity Associated with Child Day Care" Annual Report to the Centers for Disease Control and Prevention (CDC). 1998-1999 (Reported in Sep. 1999).

PROFESSIONAL TRANSLATIONS

Xiao Bilian, **Ning Lu**, et al. Translation of *Progress in Human Reproduction Research*, a quarterly newsletter of Human Reproduction Program, World Health Organization (1991-1993).

Xiao Bilian **Ning Lu**, et al. Translation of International Planned Parenthood Federation (IPPF) *Medical Bulletin* from English to Chinese and distributed all over China (1991-1993).

Xiao Bilian, **Ning Lu**, et al. Translation of Program for Appropriate Technology in Health (PATH) *Outlook*, a quarterly publication, features research findings and other news related to reproductive health (1991-1993).