

Chee-Ruey Hsieh

CONTACT INFORMATION

The Institute of Economics, Academia Sinica
128, Section 2, Academia Road
Nankang, Taipei, 115
Taiwan
TEL: 886-2-27822791 ext. 207
Fax: 886-2-27853946
Email: crh@econ.sinica.edu.tw

EDUCATION

1985-1990	Ph.D., Economics, Vanderbilt University.
1982-1985	M.A., Economics, National Taiwan University.
1976-1980	B.A., Economics, National Taiwan University.

PROFFESIONAL EMPLOYMENT RECORD

1998 (Apr.)-Present	Research Fellow The Institute of Economics, Academia Sinica
2005 (Aug.)-2006 (Jul.)	Visiting Scholar Center for Health Policy, Duke University
2000 (Aug.)-2005 (Jul.)	Adjunct Professor Department of Economics, National Taiwan University
1993 (Sep.)-1998 (Apr.)	Associate Research Fellow The Institute of Economics, Academia Sinica
1994 (Aug.)-1996 (Jul.)	Adjunct Associate Professor Department of Economics, National Taiwan University
1990 (Aug.)-1993 (Sep.)	Assistant Research Fellow The Institute of Economics, Academia Sinica

MAJOR RESEARCH FIELDS

Health Economics

Health Policy

Economics of Pharmaceutical Industry

Applied Microeconomics

PUBLICATIONS

Journal Articles, Peer-Reviewed

1. Qin, X., L. Li, and C. R. Hsieh. 2013. "Too Few Doctors or Too Low Wages? Labor Supply of Health Care Professionals in China." *China Economic Review*, Forthcoming.
2. Hsieh, C. R., Y. M. Liu and C. L. Chang. 2013. "Endogenous Technological Change in Medicine and Its Impact on Healthcare Costs: Evidence from the Pharmaceutical Market in Taiwan." *European Journal of Health Economics*, Forthcoming.
3. Lo, T. F. and C. R. Hsieh. 2013. "Dynamic Profile of Health Investment and the Evolution of Elderly Health." *Social Science and Medicine*, 76(1), 134-142.
4. Liu, Y. M., Y. H. Kao Yang and C. R. Hsieh. 2012. "Regulation and Competition in the Taiwanese Pharmaceutical Market under National Health Insurance." *Journal of Health Economics* 31(3), 471-483.
5. Liu, Y. M. and C. R. Hsieh. 2012. "New Drugs and the Growth of Health Expenditure: Evidence from Diabetic Patients in Taiwan." *Health Economics* 21(5), 496-513.
6. Hsieh, C. R. and Y. M. Liu. 2012. "Availability, Healthcare Costs and Utilization Patterns of Biologics in Taiwan." *Value in Health* 15(1), S35-S42.
7. Liu, Y. M., Y. H. Kao Yang and C. R. Hsieh. 2011. "The Determinants of the

- Adoption of Pharmaceutical Innovation: Evidence from Taiwan.” *Social Science and Medicine* 72(6), 919-927.
8. Hsieh, C. R. and H. Lofgren. 2009. “Biopharmaceutical Innovation and Industrial Developments in South Korea, Singapore and Taiwan.” *Australian Health Review* 33(2): 245-2477.
 9. Liu, Y. M., Y. H. Kao Yang and C. R. Hsieh. 2009. “Financial Incentives and Physicians’ Prescription Decisions on the Choice between Brand-name and Generic Drugs: Evidence from Taiwan.” *Journal of Health Economics* 28(2): 341-349.
 10. Hsieh, C. R. and F. A. Sloan. 2008. “Adoption of Pharmaceutical Innovation and the Growth of Drug Expenditure in Taiwan: Is it Cost Effective?” *Value in Health* 11(2): 334-344.
 11. Hsieh, C. R. and C. W. Kuo. 2004. “Cost of Chronic Hepatitis B Virus Infection in Taiwan,” *Journal of Clinical Gastroenterology* 38(10), Supplement 3: S148-S152.
 12. Eggleston, K. and C. R. Hsieh. 2004. “Healthcare Payment Incentives: A Comparative Analysis of Reforms in Taiwan, South Korea and China.” *Applied Health Economics and Health Policy* 3(1): 47-56.
 13. Hsieh, C. R., T. W. Hu and C. F. Lin. 1999. “The Demand for Cigarettes in Taiwan: Domestic versus Imported Cigarettes.” *Contemporary Economic Policy* 17(2): 223-234.
 14. Hsieh, C.R. 1998. “Health Risk and the Decision to Quit Smoking.” *Applied Economics* 30(6): 795-804.
 15. Hsieh, C. R. and S. J. Lin. 1997. “Health Information and the Demand for Preventive Care among the Elderly in Taiwan.” *Journal of Human Resources* 32(2): 308-333.

16. Hsieh, C. R., L. L. Yen, J. T. Liu, and C. J. Lin. 1996. "Smoking, Health Knowledge, and Anti-Smoking Campaigns: An Empirical Study in Taiwan." *Journal of Health Economics* 15(1): 87-104.
 17. Liu, J. T. and C. R. Hsieh. 1995. "Risk Perception and Smoking Behavior: Empirical Evidence from Taiwan." *Journal of Risk and Uncertainty* 11(2): 139-157.
 18. Sloan, F. A. and C. R. Hsieh. 1995. "Injury, Liability, and the Decision to File a Medical Malpractice Claim." *Law and Society Review* 29(3): 413-435.
 19. Bovbjerg, R. R., F. A. Sloan, A. Dor and C. R. Hsieh. 1991. "Juries and Justice: Are Malpractice and Other Personal Injuries Created Equal?" *Law and Contemporary Problems* 54(1): 5-42.
 20. Sloan, F. A. and C. R. Hsieh. 1990. "Variability in Medical Malpractice Payments: Is the Compensation Fair?" *Law and Society Review* 24(4): 997-1039.
- Contributions to Edited Volumes (Book Chapters)
1. Hsieh, C. R. 2012. "Trade-related Aspects of Intellectual Property Rights (TRIPS) and the Evolution of the Pharmaceutical Sector in China," In H. Lofgren and W. Owain, ed. *The New Political Economy of Pharmaceuticals in the Global South*, New York: Palgrave, Forthcoming.
 2. Hsieh, C. R. 2009. "Pharmaceutical Policy in Taiwan," In K. Eggleston, ed. *Prescribing Cultures and Pharmaceutical Policy in the Asia-Pacific*, pp. 109-125, Baltimore: Brookings Institution Press.
 3. Sloan, F. A. and C. R. Hsieh. 2008. "Effects of Incentives on Pharmaceutical Innovation," In F.A. Sloan and H. Kasper, eds. *Incentives and Choice in Health Care*, pp. 227-262, Cambridge: MIT Press.
 4. Hsieh, C. R., K. T. Lo, Y. C. Hong and T. Shih. 2007. "Pharmaceutical

Innovation and Health Outcomes: Empirical Evidence from Taiwan” in F.A. Sloan and C.R. Hsieh, eds. *Pharmaceutical Innovation: Incentives, Competition and Cost-Benefit Analysis in International Perspective*, pp. 242-261, New York: Cambridge University Press.

5. Hsieh, C. R., M. S. Shi and C. F. Lin. 2001. “The Impact of Trade Liberalization on Alcohol Consumption in Taiwan,” in M. Grossman and C.R. Hsieh, eds. *Economic Analysis of Substance Use and Abuse: The Experience of Developed Countries and Lessons for Developing Countries*, pp.413-432. Cheltenham, UK: Edward Elgar Publishing, Inc.
6. Hsieh, C. R. and Y. S. Lin. 1998. “The Economics of Tobacco Control in Taiwan,” in I. Abedian et al. eds. *The Economics of Tobacco Control: Toward an Optimal Policy Mix*, pp. 306-329. Cape Town: Applied Fiscal Research Centre, University of Cape Town.

Book

Sloan, F. A. and C. R. Hsieh. 2012. *Health Economics*, Cambridge: MIT Press.

Edited Books

1. Sloan, F. A. and C. R. Hsieh. 2007. *Pharmaceutical Innovation: Incentives, Competition and Cost-Benefit Analysis in International Perspective*, New York: Cambridge University Press.
2. Hu, T. W. and C. R. Hsieh. 2002. *The Economics of Health Care in Asia-Pacific Countries*, Cheltenham, UK: Edward Elgar Publishing, Inc.
3. Grossman, M. and C. R. Hsieh. 2001. *Economic Analysis of Substance Use and Abuse: The Experience of Developed Countries and Lessons for Developing Countries*, Cheltenham, UK: Edward Elgar Publishing, Inc.

Articles under Review

1. Chang, S., Y. He and C. R. Hsieh. “The Determinants of Health Care Expenditure towards the End of Life: Evidence from Taiwan.” (Revised and Resubmitted to Health Economics).
2. Liu, Y.M. and C. R. Hsieh. “Profit-Seeking Behavior of Medical Providers and Generic Competition in the Pharmaceutical Market: Evidence from Taiwan.” (Submitted to International Journal of Health Care Finance and Economics).

Working Papers

1. Liu, Y. M. and C. R. Hsieh. “National Health Insurance and Profit-Seeking Behavior in the Prescription Drug Market: Evidence from Taiwan.”
2. Hsieh, C. R. and T. F. Lo. “The Adoption of Pharmaceutical Innovation and Its Impact on the Treatment Costs for Patients with Alzheimer’s Disease in Taiwan.”
3. Lo, T. F. and C. R. Hsieh. “The Prediction of Mortality Risk between Smoker and Non-Smoker.”
4. Hsieh, C. R. “Generic Competition in Asian Countries? Is It an Effective Way to Save on Health Care Costs?”
5. Huang, F. M., M. H. Wu and C. R. Hsieh. “Does Rapid Economic Growth Offset the Effectiveness of Tobacco Control Policies in China.”
6. Liu, Y.M. and C.R. Hsieh. “Population Aging, Technological Innovation and the Growth of Health Expenditure: Evidence of Diabetic Patients in Taiwan.”

Work in Progress

1. “Economic Growth and Longevity Gains in China.” with T. F. Lo.
2. “Economic Growth and the Geographic Distribution of Physicians in China.” with X. Qin.

3. "Economic Growth and the Evolution of the Health Care System: Evidence from East-Asian Countries." with C. C. Lin
4. "Health System and the Market Structure of the Health Care Sector."

Other Publications (Chinese Journal Articles, Peer-Reviewed)

1. Tan, L. T., Y. C. Hong and C. R. Hsieh. 2007. "On the Pharmaceutical Price Gap." *Taiwan Economic Review* 35(4), 451-476.
2. Hong, Y. C., L. T. Tan and C. R. Hsieh. 2005. "The Effect of Supplemental Health Insurance under a System of National Health Insurance." *Academia Economic Paper* 33(4), 433-465.
3. Lu, Rachel J. F. and C. R. Hsieh. 2003. "An Analysis of the Market Structure and Development of Taiwan's Hospital Industry." *Taiwan Economic Review* 31(1), 107-153.
4. Shi, M. S. and C. R. Hsieh. 1999. "Cigarette Demand, Cigarette Taxation, and Anti-Smoking: Review of Empirical Literature and the Case of Taiwan." *Journal of Social Sciences and Philosophy* 11(3), 301-334.
5. Hsieh, C. R., C. Jeff Lin and H. K. Yu. 1998. "The Determinants of Health Care Expenditures in Taiwan." *Journal of Social Sciences and Philosophy* 10(1), 1-32.
6. Hsieh, C. R. 1994. "The Risk of Medical Malpractice Claims and Defensive Practice Medicine." *Journal of Social Sciences and Philosophy* 6(2), 199-230.
7. Hsieh, C. R. 1994. "An Empirical Study on the Demand for Child Medical Care." *Taiwan Economic Review* 22(1), 1-23.
8. Hsieh, C. R. and C. N. Chen. 1993. "An Investigation on Health Insurance and Out-of-Pocket Medical Expenditure by Elderly in Taiwan." *Journal of Social Sciences and Philosophy* 6(1), 163-203.
9. Hsieh, C. R. 1991. "Disposition of Medical Malpractice Claims: The Case of

Florida State.” *Academia Economic Paper* 19(2), 287-328.

10. Hsieh, C. R. 1991. “Medical Liability, Dispute, and Litigation: Theory and the Evidence of Taiwan.” *Taiwan Economic Review* 19(1), 87-114.

Presentations at Meetings:

1. “Agency Problem and Health Care Expenditure: Evidence from Terminally-Ill Patients in Taiwan,” Western Economic Association International annual conference, San Francisco, CA, June 2012.
2. “Too Few Doctors or Too Low Wages? Labor Supply of Health Care Professionals in China,” American Society of Health Economists biennial meeting, University of Minnesota, Minneapolis, MN, June 2012.
3. “Generic Competition in Asian Countries? Is It an Effective Way to Save on Health Care Costs?” 2011 Conference on Health System Reform in Asia, Hong Kong, December, 2011.
4. “Economic Growth and Longevity Gains in China,” Beijing Forum, Beijing, China, November 2011.
5. “Financial Incentives and Physicians’ Prescription Decisions on the Choice between Brand-name and Generic Drugs: Evidence from Taiwan,” Conference on Provider Payment Incentives in the Asia-Pacific, Beijing, China, November 2008.
6. “Variations in Biologics Access in the Asia Pacific,” Asian Meeting of International Society of Pharmacoeconomics and Outcome Research, Seoul, South Korea, September, 2008.
7. “Pharmaceutical Policy in Taiwan,” Conference on Prescribing Cultures and Pharmaceutical Policy in the Asia-Pacific, San Francisco, CA, March 2008.
8. “Pharmaceutical Innovation and Health Outcomes: Empirical Evidence from

- Taiwan,” Conference on Honoring Professor Frank Sloan, Duke University, Durham, NC, September 2005.
9. “An International Comparison of Demand-Side Cost Containment Mechanisms for Pharmaceuticals,” International Conference on Pharmaceutical Innovation, Taipei, Taiwan, May 2005.
 10. “Tobacco Taxation and Cigarette Demand in Taiwan,” Western Economic Association International Pacific Rim conference, Sydney, Australia, January, 2000.
 11. “Health Behavior and Health Outcome: Evidence from Taiwan,” International Health Economic Association World Congress, Rotterdam, Netherlands, July 1999.
 12. “The Impact of Trade Liberalization on Alcohol Consumption in Taiwan,” Taipei International Conference on Health Economics, Taipei, Taiwan, March 1999.
 13. “Earmarked Sin Tax,” American Economic Association annual meeting, New York, NY, January 1999.
 14. “The Economics of Tobacco Control in Taiwan,” Conference on the Economics of Tobacco Control: Toward an Optimal Policy Mix, Cape Town, South Africa, February, 1998.
 15. “Cigarette Import and Anti-smoking Campaigns: The Experience of Taiwan,” World Congress on Tobacco or Health, Beijing, China, August, 1997.
 16. “The Demand for Cigarettes in Taiwan: Domestic versus Imported Cigarettes,” Western Economic Association annual conference, Seattle, WA, July, 1997.
 17. “Health Risk and the Decision to Quit Smoking,” American Risk and Insurance Association annual meeting, Philadelphia, PA, August 1996.
 18. “Health Information and the Demand for Preventive Care among the Elderly in Taiwan,” International Health Economics Association inaugural world congress,

Vancouver, Canada, May 1996.

19. "Risk Perception and Smoking Behavior: Empirical Evidence from Taiwan."

Western Economic Association annual conference, San Diego, CA, July 1995.

20. "Smoking, Health Knowledge, and Anti-Smoking Campaigns: An Empirical

Study in Taiwan," Southern Economic Association annual conference, New

Orleans, LA, November, 1993.

Teaching Activities

Course Taught at National Taiwan University

Economics, Health Economics, Comparative Health Care System

Training Course Taught at Government Agencies (Department of Health and Bureau of National Health Insurance)

Global Health and Macroeconomics

Economic Analysis of Health Policy

Journal Referee for:

Contemporary Economic Policy

European Journal of Health Economics

Geneva Papers on Risk and Insurance

Health Economics

International Journal of Health Care Finance and Economics

Journal of Health Economics

Review of Economics of the Household

Social Science and Medicine

Value in Health

Professional Societies and Affiliations

American Society of Health Economists

Chinese Economic Association in North American

International Health Economics Association

Western Economic Association International

Personal

Birth Date: May 26, 1958

Birthplace: Taiwan

Marital Status: Married, one son, one daughter

References

Professor Frank A. Sloan

Department of Economics, Duke University

P.O. Box 90097

Durham, NC 27708

(919) 613-9358

fsloan@duke.edu

Professor Sheng-Cheng Hu

The Institute of Economics, Academia Sinica

128, Section 2, Academia Road, Nankang, Taipei, 115

Taiwan

886-2-27822791

shu@econ.sinica.edu.tw

Professor Ya-Ming Liu

Department of Economics, National Cheng Kung University

1, University Road, Tainan City, 701

Taiwan

886-6-2757575 ext. 50258

ymliu@mail.ncku.edu.tw