

# CURRICULUM VITAE

SHIN-YI CHOU

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## CONTACT INFORMATION

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## EDUCATION

- 1994–1999      Ph.D., Economics, Duke University  
                    Thesis: *Nursing Home Ownership, Quality of Care and Consumer Choice*  
                    Advisor: Frank A. Sloan.
- 1990–1994      B.A., Economics, National Taiwan University.

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## WORKING EXPERIENCE

- 2010–Present    Professor  
                    Lehigh University, Department of Economics
- 2006–2010      Associate Professor (with Tenure)  
                    Lehigh University, Department of Economics
- 2006–Present    Research Associate  
                    National Bureau of Economics Research
- 2003–2006      Assistant Professor  
                    Lehigh University, Department of Economics
- 1999–2003      Assistant Professor  
                    New Jersey Institute of Technology, Dept. of Humanities and Social Sciences  
                    (On Maternity Leave: 11/2002 – 5/2003)
- 2000–2006      Faculty Research Fellow  
                    National Bureau of Economics Research
- 1996–1999      Research Assistant  
                    Duke University, Center for Health Policy, Law and Management
- 1995–1996      Research Assistant  
                    Duke University, Center for Health Policy, Research and Education

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## PUBLICATIONS

### BOOK CHAPTERS:

1. Frank A. Sloan, Gabriel A. Picone, Donald H. Taylor, Jr. and Shin-Yi Chou, “Does Where You Are Admitted Make a Difference? An Analysis of Medicare Data,” *Frontiers in Health Policy Research*, v2, edited by Alan M. Garber, NBER: MIT Press, 1999.
2. Hsien-Ming Lien, Shin-Yi Chou, Jin-Tan Liu and Jason Hockenberry, “Getting to the Heart of the Matter: Assessing the Impact of Hospital Competition on Cardiac Patients in Taiwan,” *Health Care Systems in Developing and Transition Countries*, edited by Diane Pinto and Peter Smith, Edward Elgar, 2009.
3. Shin-Yi Chou, Mary Beth Deily, Hsien-Ming Lien and Jin-Hua Zhang, “Global Budgets and Provider Incentives: Hospitals’ Drug Expenditures in Taiwan,” *Advances in Health Economics and Health Services Research*, v22 (Pharmaceutical Markets and Insurance Worldwide) , edited by Avi Dor, Emerald Group Publishing, 2010.

### JOURNAL ARTICLES, PEER-REVIEWED:

1. Juan Du, Justin Wang, Yao Chen, Shin-Yi Chou and Joe Zhu, “Incorporating Health Outcomes in Pennsylvania Hospital Efficiency: An Additive Super-efficiency DEA Approach”, *Annals of Operations Research*, forthcoming.
2. Justin Wang, Jason Hockenberry and Shin-Yi Chou and Muzhe Yang, “Do Bad Report Cards Have Consequences? How Publicly Reported Provider Quality Information Impacts the CABG Market in Pennsylvania”, *Journal of Health Economics*, forthcoming.
3. Jason Hockenberry, Hsien-Ming Lien and Shin-Yi Chou, “Surgeon and Hospital Volume as a Quality Indicators for CABG in Taiwan: Examining Hazard to Mortality and Accounting for Unobserved Heterogeneity”, *Health Services Research*, 45(5p1), 1168-1187, 2010.
4. Hsien-Ming Lien, Shin-Yi Chou and Jin-Tan Liu, “The Role of Hospital Competition on Treatment Cost and Outcome: Evidence from Stroke Treatment in Taiwan”, *Economic Inquiry*, 48(3), 668-689, 2010.
5. Shin-Yi Chou, Jin-Tan Liu, Michael Grossman and Ted Joyce, “Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan”, *American Economic Journal: Applied Economics*, 2(1), 33-61, 2010.
6. Wehn-Jyuan Tsai, Jin-Tan Liu, Shin-Yi Chou and Robert Thornton, “Does Educational Expansion Encourage Female Workforce Participation? A Study of the 1968 Reform in Taiwan”, *Economics of Education Review*, 28(6), 750-758, 2009.
7. Echu Liu, Cheng Hsiao, Tomoya Matusmoto and Shin-Yi Chou, “Maternal Full-Time Employment and Overweight Children: Parametric, Semi-Parametric, and Non-Parametric Assessment”. *Journal of Econometrics*, 152(1), 61-69, 2009.
8. Jason Hockenberry, Hsien-Ming Lien and Shin-Yi Chou, “The Impact of Task Repetition and Temporal Breaks in Production on Human Capital and Productivity”, *Journal of Human Capital*, 2(3), 303-335, 2008.

9. Shin-Yi Chou, Inas Rashad and Michael Grossman, "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity", *Journal of Law and Economics*, 51(4), 599-618, 2008.
10. Hsien-Ming Lien, Shin-Yi Chou and Jin-Tan Liu, "Hospital Ownership and Performance: Evidence from Stroke and Cardiac Treatment in Taiwan," *Journal of Health Economics*, 27(5), 1208-1223, 2008.
11. Ming-Jen Lin, Jin-Tan Liu and Shin-Yi Chou, "As Low Birth Weight Babies Grow, Can 'Good' Parents Buffer this Adverse Factor? A Research Note," *Demography*, 44(2), 335-343, 2007.
12. Shin-Yi Chou, Jin-Tan Liu and James K. Hammit, "Households' Precautionary Behaviors - The Effects of the Introduction of National Health Insurance in Taiwan," *Review of Economics of the Household*, 4(4), 395-421, 2006.
13. Jin-Tan Liu, Shin-Yi Chou and Jin-Long Liu, "Asymmetries in Progression in Higher Education in Taiwan: Parental Education and Income Effects," *Economics of Education Review*, 25(6), 647-658, 2006.
14. Inas Rashad, Michael Grossman and Shin-Yi Chou, "The Super Size of America: An Economic Estimation of Body Mass Index and Obesity in Adults," *Eastern Economic Journal*, 32(1), 133-148, 2006.
15. Shin-Yi Chou, Michael Grossman and Henry Saffer, "Reply to Jonathan Gruber and Michael Frakes," *Journal of Health Economics*, 25(2), 389-393, 2006.
16. Shin-Yi Chou, Michael Grossman and Henry Saffer, "An Economic Analysis of Adult Obesity: Results from the Behavioral Risk Factor Surveillance System," *Journal of Health Economics*, 23(3), 565-587, 2004.
17. Shin-Yi Chou, Jin-Tan Liu and Cliff J. Huang, "Health Insurance and Precautionary Savings Over the Life Cycle – Semiparametric Smooth Coefficient Estimation," *Journal of Applied Econometrics*, 19(3), 295-322, 2004.
18. Shin-Yi Chou, Jin-Tan Liu and James K. Hammit, "National Health Insurance and Technology Adoption – Evidence from Taiwan," *Contemporary Economic Policy*, 22(1), 26-38, 2004.
19. Gabriel Picone, R. Mark Wilson and Shin-Yi Chou, "Analysis of Hospital Length of Stay and Discharge Destination Using Hazard Functions with Unmeasured Heterogeneity," *Health Economics*, 12, 1021-1034, 2003.
20. Shin-Yi Chou, Jin-Tan Liu and James K. Hammit, "National Health Insurance and Precautionary Saving - Evidence from Taiwan," *Journal of Public Economics*, 87(9-10), 1837-1894, 2003.
21. Gabriel A. Picone, Frank A. Sloan, Shin-Yi Chou and Donald H. Taylor, Jr., "Is Medical Care Productive? Evidence from Medicare," *Review of Economics and Statistics*, 85(1), 51-62, 2003.
22. Gabriel A. Picone, Shin-Yi Chou and Frank A. Sloan, "Are For-Profit Hospital Conversions Harmful to Patients and Medicare?" *Rand Journal of Economics*, 33(3), 507-523, 2002.

23. Shin-Yi Chou, “Asymmetric Information, Ownership and Quality of Care: An Empirical Analysis of Nursing Homes,” *Journal of Health Economics*, 21(2), 293-311, 2002.
24. Frank A. Sloan, Gabriel A. Picone, Donald H. Taylor, Jr. and Shin-Yi Chou, “Hospital Ownership and Cost and Quality of Care: Is There a Dime’s Worth of Difference?” *Journal of Health Economics*, 20(1), 1-21, 2001.
25. Jin-Long Liu, Jin-Tan Liu, James K. Hammitt and Shin-Yi Chou, “The Price Elasticity of Opium in Taiwan, 1914 – 1942,” *Journal of Health Economics*, 18(6), 795-810, 1999.

#### ARTICLES UNDER REVIEW

1. Muzhe Yang, Hsien-Ming Lien and Shin-Yi Chou, “Does Physician Peer Effect Exist? Evidence from New Drug Prescription”, submitted to *Journal of Applied Econometrics*, January 2011.
2. Lea Gimenezduarte, Shin-Yi Chou, Jin-Tan Liu and Jin-Long Liu “Mother’s and Father’s Presence Do Matter: Evidence from Taiwan”, submitted to *Journal of Human Resources*, January 2011.
3. Shin-Yi Chou, Michael Grossman and Jin-Tan Liu, “National Health Insurance and Child Health: A Natural Experiment in Taiwan”, submitted to *Quarterly Journal of Economics*, February 2011.
4. Shin-Yi Chou, Mary Beth Deily, Tianyan Hu, Chad D. Meyerhoefer and Sabrina Terrizzi, “The Impact of Health Information Technology Adoption by Outpatient Facilities on Inpatient Outcomes: Evidence from Pregnancy Cases in Pennsylvania”, submitted to *Medical Care*, February 2011.

#### WORKING PAPERS

1. Shin-Yi Chou, Mary Beth Deily, Jean Dearden and Hsienming Lien “Provider Responses to a Global Budget System: The Case of Drug Expenditures in Taiwan Hospitals”.
2. Shin-Yi Chou, Mary Beth Deily, Suhui Li and Yi Lu “Quality Information and Quality Competition: Evidence from the Pennsylvania CABG Market”.
3. Yi Lu, Shin-Yi Chou, Jason Hockenberry and Muzhe Yang “Tort Reform in Obstetrics Service: Examining the Causal Effects of Tort Law Changes on Practice Patterns in Pennsylvania and New Jersey”.
4. Wehn-Jyuan Tsai, Jin-Tan Liu, Michael Grossman and Shin-Yi Chou, “Intergenerational Transmission of Human Capital: Evidence from Nine-Year Compulsory Education in Taiwan”.
5. Justin Wang, Li-Kwang Chen, Shin-Yi Chou, Michael Grossman and Jin-Tan Liu, “The Impact of National Health Insurance on Maternal Health Behavior, Infant Health Outcome, and Prenatal Care Utilization: A Natural Experiment in Taiwan”.
6. David van der Goes and Shin-Yi Chou, “Child Well-being, Paradigmatic Family-start and the Vietnam War Draft”.
7. Shin-Yi Chou, Mary Beth Deily and Suhui Li, “Hospital Report Cards, Patients’ Travel Distance, and Health Outcome”.
8. Dana Costea, Franklin Carter, Shin-Yi Chou and Art King “Medicaid Influence in the Drug Market”.

#### WORK IN PROGRESS

1. "Peeling the Peer Effect Layers: Evidence from Taiwan's National Twin Data" with Ming-Jen Lin, Jin-Tan Liu and Echu Liu
  2. "Household Resources Allocation and Child Welfare" with Jim Dearden, Jin-Tan Liu and Jin-Long Liu
  3. "Quantity-Quality Trade-off" with Hsien-Ming Lien
  4. "Intergenerational Transmission of Birth Weight" with Lea Gimenez-Duarte and Jin-Tan Liu
  5. "The Effects of National Health Insurance on Elderly Living Arrangements" with Hsin-Ling Hsieh, Echu Liu and Hsienming Lien
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#### AWARDS AND HONORS

2009	Hillman Award for Graduate Advising, Lehigh University
2006-2010	Frank L. Magee Fellow, Lehigh University
2006	Carl R. and Ingeborg Beidleman Research Award, Lehigh University
2004-2005	Kane Faculty Fellow, Lehigh University
2002	University Excellence in Teaching Award, New Jersey Institute of Technology
1995-1999	Departmental Scholarship, Duke University
1991,1993	Presidential Award, National Taiwan University

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#### PROPOSALS AND GRANTS

1. CO-PI. "Moral Hazard in Less Invasive Surgical Technology for Coronary Artery Disease". National Institute of Aging, 2010-2012 (PI: Michael Grossman, NBER).
2. Principal Investigator. "The Structure of Hospital Market and Consumer Welfare in Taiwan". Chiang Ching-Kuo Foundation for International Scholarly Exchange, 2006-2008.
3. CO-PI. "Parents' Schooling and Child Well-Being in Taiwan". National Institute on Child Health and Human Development, September 2003 - September 2006 (PI: Michael Grossman, NBER).
4. Research Associate. "National Health Insurance and Child Health in Taiwan". National Science Foundation, August 2004 - August 2007 (PI: Michael Grossman, NBER).

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## PROFESSIONAL PRESENTATIONS

### ORGANIZED CONFERENCES

1. Annual Meeting of the American Economic Association: "National Health Insurance and Child Health: A Natural Experiment in Taiwan", Denver, CO, January 2011.
2. Annual Meeting of the American Economic Association: "Provider Responses to a Global Budget System: The Case of Drug Expenditures in Taiwan Hospitals", Denver, CO, January 2011.
3. Third Biennial Conference of the American Society of Health Economists: "Does Physician Peer Effect Exist? Evidence from New Drug Prescription" Ithaca, NY, June 2010.
4. Seventh International Health Economics Association Conference: "National Health Insurance and Child Health: A Natural Experiment in Taiwan", Beijing, China, July 2009.
5. Eastern Economic Association Annual Meeting, "Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan" New York, February 2009.
6. Sixth International Health Economics Association Conference: Discussant & Chair, Copenhagen, Denmark, July 2007.
7. Economics of Population Health: Inaugural Conference of the American Society of Health Economists (ASHE) "When Low Birth Weight Babies Grow Up: Can Parents Buffer Their Health Shock?" Madison, WI, June 2006.
8. Fifth International Health Economics Association Conference: "The Impact of National Health Insurance on Birth Outcome: A Natural Experiment in Taiwan," Barcelona, Spain, July 2005.
9. 2005 Chinese Economists Association Congqing Conference: "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," Congqing, China, June 2005.
10. Western Economic Association 79th Annual Conference: "The Role of Hospital Ownership Status under Universal Health Insurance Coverage: Evidence from the Treatment Outcomes after Hospitalization for Stroke in Taiwan," Vancouver, Canada, July 2004.
11. Population Association of America 2004 Annual Meeting: "Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan," Boston, MA, April 2004.
12. Annual Meeting of the American Economic Association: "Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan," San Diego, CA, January 2004.
13. Fourth International Health Economics Association Conference: "Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan," San Francisco, CA, June 2003.
14. Third International Health Economics Association Conference: "National Health Insurance and Precautionary Savings: Evidence from Taiwan," York, England, July 2001.
15. 12th Annual Health Economics Conference: "National Health Insurance and Precautionary Savings: Evidence from Taiwan," Durham, NC, June 2001.

16. Annual Meeting of the American Economic Association: "National Health Insurance and Precautionary Saving: Evidence from Taiwan," New Orleans, January 2001.
17. Southern Economic Association's 70th Annual Conference: "National Health Insurance and Female Labor Supply: Evidence from Taiwan," Washington, D.C., November 2000.
18. Taipei International Conference on Health Economics: Discussant, Taipei, Taiwan, March 1999.
19. Annual Meeting of the American Economic Association – Chinese Economics Association in North America Joint Session: "The Price Elasticity of Opium in Taiwan, 1914 - 1942," New Orleans, January 1997.

#### INVITED PRESENTATIONS

1. Seminar at University of Chicago (Department of Health Studies): "The Impact of National Health Insurance on Birth Outcome: A Natural Experiment in Taiwan," December, 2010.
2. Seminar at University of New Mexico (Department of Economics): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," April, 2006.
3. Seminar at McGill University (Department of Epidemiology, Biostatistics and Occupational Safety): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," April, 2006.
4. Seminar at McGill University (Department of Economics): "The Impact of National Health Insurance on Birth Outcome: A Natural Experiment in Taiwan," April, 2006.
5. Seminar at Pittsburgh University (Department of Health Policy and Management): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," April, 2006.
6. Seminar at Delaware University (Department of Economics): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," February, 2006.
7. Seminar at National Taiwan University (Department of Economics): "The Impact of National Health Insurance on Birth Outcome: A Natural Experiment in Taiwan," Taiwan, January 2005.
8. Seminar at Virginia Tech (Department of Agricultural and Applied Economics): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," December 2005.
9. Seminar at Drexel (Department of Economics): "Fast Food Restaurant Advertising on Television and Its Influence on Childhood Obesity," March 2005.
10. Seminar at National Taiwan University (Department of Economics): "Parental Education and Child Health: Evidence from a Natural Experiment in Taiwan," Taiwan, December 2003.
11. Seminar at National Taiwan University (School of Public Health): "An Economic Analysis of Adult Obesity: Results from the Behavioral Risk Factor Surveillance System," Taiwan, December 2003.
12. Triangle Health Economics Workshop: "Nursing Home Ownership and Quality of Care," Durham, NC, November 1998.

13. National Bureau of Economics Research (NBER) Summer Institute's Health Care Workshop: "Treatment Intensity and Health Outcomes for Hip Fracture and Stroke," with Frank A. Sloan and Gabriel A. Picone, Cambridge, MA, August 1998.
14. National Bureau of Economics Research (NBER) Frontiers in Health Policy Research Conference: "Does Where You Are Admitted Make a Difference? An Analysis of Medicare Data," with Frank A. Sloan and Gabriel A. Picone, Bethesda, DC, May 1998.

## TEACHING/ADVISING ACTIVITIES

### GRADUATE STUDENTS SUPERVISING: DISSERTATION CHAIR

2008	Jason Hockenberry	Assistant Professor, University of Iowa
2008	Dana Costea	Assistant Professor, Indiana University - South Bend
2009	Justin Wang	Assistant Professor, Worcester Polytechnic Institute
2010	David van der Goes (Co-chair)	Post-Doctoral Fellow, University of Washington
2010	Yi Lu	Fifth year
2010	Jinghua Zhang	Fifth year
2010	Suhui Li	Fourth year
2010	Lea Gimenez Duarte (Co-chair)	Third year
2010	Tianyan Hu	Third year
2010	Rhea Bhatta	Second year
2010	Ryan Tian	Second year
2010	Cheng Chen	Second year

### GRADUATE STUDENTS SUPERVISING: COMMITTEE

Ph.D. Thesis Committee (Lehigh): Amy Lipton

Ph.D. Thesis Committee (NJIT): Rita Thornton, Isabelle Beveridge (Rutgers-Newark)

Master Thesis Committee (NJIT): Rich Orlusky

### COURSES TAUGHT AT LEHIGH

Applied Microeconomics: Fall 2003, 2005 – 2009, Spring 2004–2010

Health Economics: Fall 2004–2008

Health Economics (graduate): Spring 2004–2008

Bioeconomics: Fall 2005

Health Economics: Special Topics (graduate): Fall 2005, 2008, 2009, Summer 2006

Applied Microeconometrics: Special Topics (graduate): Fall 2006, Spring 2007

### COURSES TAUGHT AT NJIT

Economics: Fall 1999 – Fall 2002

Environmental Economics: Fall 2001

Economics of Environment I (graduate): Fall 2000, Fall 2001

Economics of Environment II (graduate): Spring 2001, Spring2002

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## SERVICE ACTIVITIES

### DEPARTMENT

Faculty Search Committee, Dept. of Economics, Lehigh University, 2007-2008

MS Program Development Committee, Dept. of Economics, Lehigh University, 2004

Faculty Search Committee, Dept. of Economics, Lehigh University, 2004-2005

Chair Search Committee, Dept. of Humanities and Social Sciences, NJIT, 1999

Faculty Search Committee, Dept. of Humanities and Social Sciences, NJIT, 1999-2000

### COLLEGE

Director of PhD Program, Dept. of Economics, Lehigh University, 2005-Present

[ Tenure and Promotion Committee, Lehigh University, 2009-Present

### UNIVERSITY

Faculty Steering Committee (stand in for Vince Munley), Spring 2009

Committee for Faculty Research Grant, 2008-Present

Health Care Initiative (Summer) Core Group, 2008

Committee for Student Research Symposium for the Inauguration of President Gast, 2007

Vice Provost for Research Search Committee, 2006

Committee for the NRC Assessment of Research-Doctorate Programs, 2006

Health and Safety Committee, New Jersey Institute of Technology, 2001–2002

### PEER-REVIEWING ACTIVITY: PROFESSIONAL JOURNAL/BOOK CHAPTERS

Taiwan Economic Review	Journal of Health Economics
Contemporary Economic Policy	Journal of Political Economy
Medical Care	Applied Health Economics and Health Policy
Health Economics	Journal of Agricultural & Food Industrial Organization
Economic Inquiry	Social Science and Medicine
Review of Industrial Organization	Review of Economics of the Household
American Economic Review	Journal of Applied Econometrics
Health Policy	Eastern Economic Journal
Economics and Human Biology	Journal of Policy Analysis and Management
Health Report	Journal of General Internal Medicine
Asian Economic Journal	Advances in Health Economics and Health Services Research
International Journal of Obesity	American Journal of Agricultural Economics
Pacific Economic Review	Southern Economic Journal
Health Service Research	Forum for Health Economics & Policy, Obesity
Education Economics	Journal of Economics Inequality
Demography	BE Journal of Economics & Policy
Journal of Population Economics	Journal of Business and Economics Statistics
Health Economics Letters	International Journal for Equity in Health
Journal of Human Capital	Journal of Comparative Economics
Economics of Education Review	USDA ERS Economic Research Report

#### PEER-REVIEWING ACTIVITY: GRANT PROPOSALS

National Science Foundation

NIH/Community Influences on Health Behavior (CIHB) Study Section, February 2009, February, May, October 2010

#### PROFESSIONAL SOCIETIES AND AFFILIATIONS

American Economic Association

Chinese Economic Association in North America (Vice President, 2004)

International Health Economics Association

American Society of Health Economists