

*February 2009*

# CURRICULUM VITAE

## PETER THOMPSON

### A. PERSONAL

Address: Department of Economics,  
Florida International University,  
Miami, FL 33199

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Languages: English (native), moderate Spanish.

### EDUCATION

Graduate: Ph.D. Agricultural Economics, University of Florida, 1993.  
M.Sc. Agricultural Economics, University of East Anglia, U.K., 1985.

Undergraduate: B.Sc. Agricultural Economics, University of Reading, U.K., 1984.

### PROFESSIONAL EXPERIENCE

2007- Professor,  
Department of Economics,  
Florida International University.

2004 – 2007 Associate Professor (with tenure),  
Department of Economics,  
Florida International University.

2002 –2004 Associate Professor,  
Department of Social and Decision Sciences,  
Carnegie Mellon University.

2001-2001 Associate Professor (with tenure),  
Department of Economics,

	University of Houston
1996–2001	Assistant Professor, Department of Economics, University of Houston.
1994 –1996	Assistant Professor, Graduate School of International Policy Studies, Monterey Institute of International Studies.
1993 –1994	Visiting Lecturer, Department of Economics, University of Florida.
1993–1994	Consultant, Hazen and Sawyer, Hollywood, FL. Evaluation of the Economic Impacts of Proposed Water Management Plan. For the South West Florida Water Management District.
1990-1993	Graduate Instructor, Department of Economics, University of Florida.
1990-1993	Research Assistant, Food and Resource Economics Department University of Florida.
1987 - 1990	Head of project, economics and marketing advisor to the Regional Development Corporation of Santa Cruz, Bolivia. British Overseas Development Administration technical cooperation project.
1985 - 1987	Assistant economics and marketing advisor to the Regional Development Corporation of Santa Cruz.
1985-1990	Various short-term consultant studies conducted in Argentina, Bolivia, Brazil, Colombia, Paraguay, and Peru.

## B. RESEARCH ACTIVITIES

### PUBLICATIONS

#### In Press

“Learning by Doing.” Chapter 11 for the *Handbook of Economics of Technical Change*, edited by Bronwyn H. Hall and Nathan Rosenberg, *North-Holland/Elsevier*. To be published in 2009.

## 2008

“Sorting, Selection, and Industry Shakeouts” [with Mihaela Pintea]. *Review of Industrial Organization*, **33**(1):23-40 (August 2008).

“Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness.” *The Economic Journal*, **118**: 1640-1669 (October).

## 2007

“How Much Did the Liberty Shipbuilders Forget?” *Management Science*, **53**(6):908-918 (June).

“Technological Complexity and Economic Growth” [with Mihaela Pintea]. *Review of Economic Dynamics*, **10**(2):276-293 (April).

“Submarkets and the Evolution of Market Structure” [with Steven Klepper]. *RAND Journal of Economics*, **37**(4):862-888 (March).

“Founder Quality and Firm Performance: Implications for Local Development Strategies.” *Australian Economic Review*, **40**(1):97-105 (March).

“Spinoff Entry in High-Tech Industries: Motives and Consequences” [with Steven Klepper]. In Franco Malerba and Stefano Brusoni (eds.) *Perspectives on Innovation*, Chapter 6, pp. 187-218. Cambridge: Cambridge University Press, (March).

## 2006

“Collective Equipoise, Disappointment and the Therapeutic Misconception: On the Consequences of Selection for Clinical Research” [with Margaret Byrne]. *Medical Decision Making*, **26**(5):467-479 (September/October).

“Technical Change and the Demand for Skills During the Second Industrial Revolution: Evidence from the Merchant Marine, 1891-1912” [with Aimee Chin and Chinhui Juhn]. *Review of Economics and Statistics*, **88**(3):572-578 (August).

“Patent Citations and the Geography of Knowledge Spillovers: Evidence from Inventor- and Examiner-Added Citations.” *Review of Economics and Statistics*, **88**(2):383-389 (May).

## 2005

“Patent Citations and the Geography of Knowledge Spillovers: A Reassessment” [with Melanie Fox Kean]. *American Economic Review*, **95**(1): 450-460 (March).

Reprinted in Zoltan J. Acs (ed.), *The Knowledge Spillover Theory of Entrepreneurship*, Edward Elgar. In press.

“Patent Citations and the Geography of Knowledge Spillovers: A Reassessment: Reply” [with Melanie Fox Kean]. *American Economic Review*, **95**(1): 465-466 (March).

“Selection and Firm Survival. Evidence from the Shipbuilding Industry, 1825-1914.” *Review of Economics and Statistics*, **87**(1):26-36, February 2005.

#### **2004**

“A Positive Analysis of Financial Incentives for Cadaveric Organ Donation: Reply to Tabarrok” [with Margaret Byrne]. *Econ Journal Watch* (March).

#### **2003**

“Technological Change and the Age-Earnings Profile: Evidence from the International Merchant Marine, 1861-1912.” *Review of Economic Dynamics*, **6**(3):578-601 (July).

#### **2001**

“Learning from Experience and Learning From Others. An exploration of learning and spillovers in wartime shipbuilding” [with Rebecca Achee Thornton]. *American Economic Review*, **91**(5):1350-1368 (December).

“The Microeconomics of an R&D-Based Model of Endogenous Growth.” *Journal of Economic Growth*, **6**(4):263-283 (December).

“Screening and Preventable Illness” [with Margaret Byrne]. *Journal of Health Economics*, **20**(6): 1077-1088 (November).

“How Much Did the Liberty Shipbuilders Learn? New Evidence for an Old Case Study.” *Journal of Political Economy*, **109**(1):103-137 (February).

Reprinted in Daniel F. Spulber, (ed)., *Famous Fables of Economics*, Basil Blackwell, 2001, pp. 262-292.

“A Positive Analysis of Financial Incentives for Cadaveric Organ Donation” [with Margaret Byrne]. *Journal of Health Economics*, **20**(1):69-83 (January).

#### **2000**

“Learning from the Experience of Others. Parameter Uncertainty and Economic Growth in a Model of Creative Destruction.” *Journal of Economic Dynamics and Control*, **24**(9):1285-1314 (August).

“Endogenous Growth in a Cross-Section of Countries” [with Elias Dinopoulos]. *Journal of International Economics*, **51**(2):335-362 (August).

“Process versus Product Innovation: Do Consumption Data Contain Any Information?” [with Doug Waldo]. *Southern Economic Journal*, **67**(1):155-170 (July).

“Death and Dignity: Terminal Illness and the Market for Non-Treatment” [with Margaret Byrne]. *Journal of Public Economics*, **76**(2):263-94 (May).

## 1999

“Rationality, Rules of Thumb and R&D.” *Structural Change and Economic Dynamics*, **10**(3-4):321-40 (December).

“Scale Effects in Schumpeterian Models of Economic Growth” [with Elias Dinopoulos]. *Journal of Evolutionary Economics*, **9**(2):157-186 (May).

“Reassessing the Empirical Validity of the Human Capital Augmented Neoclassical Growth Model” [with Elias Dinopoulos]. *Journal of Evolutionary Economics*, **9**(1):135-154 (February).

Reprinted in U. Cantner, H. Hanusch and S. Klepper (eds.), *Economic Evolution, Learning, and Complexity*, Amsterdam: Springer/Physica, 2000, pp. 245-264.

## 1998

“Schumpeterian Growth without Scale Effects” [with Elias Dinopoulos]. *Journal of Economic Growth*, **3**(4):313-337 (December).

## 1996

“Physical Linkages between Trade and Environmental Quality: A Review of the Evidence” [with Laura Strohm]. *Journal of Environment and Development*, **5**(4):365-390, (December).

“A Contribution to the Empirics of Endogenous Growth” [with Elias Dinopoulos]. *Eastern Economic Journal*, **22**:389-400 (November).

“Technological Opportunity and the Growth of Knowledge: A Schumpeterian Approach to Measurement” *Journal of Evolutionary Economics*, **6**(1):77-98 (March).

## 1995

“The Capital-Energy Substitutability Debate: A New Look” [with Timothy Taylor]. *Review of Economics and Statistics*, **77**(3):565-569 (August).

“Cyclical Technological Evolution and Comparative Economic Growth” [with Elias Dinopoulos], *Estudios de Economia*, **22**(2):133-157 (December).

## 1994

“Growth and Trustified Capitalism” [with Doug Waldo]. *Journal of Monetary Economics*, **34**:445-462 (December).

“Policy Drought. The Case of South Florida” [with Gary D. Lynne]. *Water Resources Bulletin*, **30**(1):19-26 (February).

## 1987

“Marketing Margins and Losses in Bolivia” [with Edwin Cardona]. *Tropical Science*, **27**(1):91-99 (February).

## **WORKING PAPERS**

“Entrepreneurs, Small Business Management, and Organized Labor.” FIU Working Paper 07-06 (August 2007 – Revised August 2008).

“Entrepreneurs: Jacks of all Trades or Hobos?” [with Thomas Astebro]. FIU Working Paper 07-05 (May 2007 – Revised January 2009).

“Intra-industry Spinoffs” [with Steven Klepper]. FIU Working Paper 06-05, (September 2006 – Revised 2008).

“Stars and Misfits. A Theory of Occupational Choice.” [with Thomas Astebro and Jing Chen]. (August 2008).

“Employee Spin-Outs and the Solipsistic Entrepreneur.” Department of Economics, Carleton University (February 2009)..

## **UNPUBLISHED PAPERS**

“The Iron and Steel Shipbuilding Data Set: Sources, Coverage, and Coding Decisions” [Not intended for publication]. September 2002. Revised August 2008. Posted to <http://www.fiu.edu/~thomsop>.

“Expenditures on Health Care at the End of Life: The Economics of Rationing by Patient Preference” [with Margaret M. Byrne and Nelda P. Wray]. January 1998.

“Output-Based Payment Systems: Do They Provide Incentives for Vertical Integration?” [with Margaret M. Byrne ], August 1997.

“Economic Growth and Pollutants.” [with Margaret Byrne], February 1996.

“First- and Second-Best Duty Drawbacks” [with Elias Dinopoulos and Robert Lanzillotti], Department of Economics Working Paper, University of Florida, May 1994.

“The Peasant Efficiency Debate: A Lesson in Verification.” Staff Paper Series, No. 92-17, Food and Resource Economics Department, University of Florida, September 1992.

## **GRANTS**

“The Economics of Entrepreneurship”, The Kauffman Professorship Award, FIU, 2007-8.

“The Solipsistic Entrepreneur—Disagreements, Spinoffs, and Industrial Evolution”. FIU Summer Research Award, 2005.

“Evolution of the British Automobile Industry, 1895-1975. Papers on Firm Capabilities and Survival, Spin-off Formation, Industrial Geography and Economic Growth.” Berkman Faculty Development Award, Summer 2002.

"The Diffusion of New Technology and the Evolution of Industry Structure: The North American Maritime Industries Since c. 1789." National Science Foundation, SBR 9985962, June 2000 – May 2003.

"The Diffusion of New Technology and the Evolution of Industry Structure: The North American Maritime Industries Since c. 1789." Summer 1999. Program to Enhance External Research, University of Houston.)

"Productivity in Liberty Shipbuilding." Research Initiation Grant, University of Houston, Summer 1997.).

"Trade and Environmental Quality". Center for Trade and Commercial Diplomacy. Summer 1995.

## **PRESENTATIONS**

### **2009**

"Employee Spin-Outs and the Solipsistic Entrepreneur." Department of Economics, Carleton University (April 17).

### **2008**

"Stars and Misfits. A Theory of Occupational Choice." Rotman School of Business, University of Toronto (December).

"Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness." Department of Economics, Emory University (September).

"Stars and Misfits. A Theory of Occupational Choice." 6<sup>th</sup> International Industrial Organization Conference, Arlington VA (May).

"Stars and Misfits. A Theory of Occupational Choice." Conference on Economics of Entrepreneurship and Innovation, Queen's School of Business, Kingston, Ontario (June).

### **2007**

"Stars and Misfits. A Theory of Occupational Choice." Roundtable on Engineering Entrepreneurship Research, Georgia Tech (November).

"Entrepreneurs: Jacks of all Trades or Hobos?" NBER Entrepreneurship Working Group, Boston (October).

"Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness." Department of Economics, University of Miami (September).

"Entrepreneurs: Jacks of all Trades or Hobos?" Spectrum Lecture, Eugenio Pino Global Entrepreneurship Center, Miami (September).

“Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness.” Department of Economics, Calgary University (March).

“Sorting, Selection, and Industry Spinoffs.” Department of Economics, Indiana University, April.

“Sorting, Selection, and Industry Spinoffs.” International Industrial organization Conference, Savannah, GA, April.

“Sorting, Selection, and Industry Spinoffs.” Department of Economics, Drexel University, May.

## **2006**

“Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness.” Department of Economics , Florida International University (January).

“Desperate Housewives? Communication Difficulties and the Dynamics of Marital (un)Happiness.” Department of Economics , Florida Atlantic University (September).

“How Much Did the Liberty Shipbuilders Forget?” Olin School of Business, Washington University (October).

“Intra-industry Spinoffs.” Roundtable on Engineering Entrepreneurship Research, Georgia Tech (December).

## **2005**

“The Solipsistic Entrepreneur.” Roundtable on Engineering Entrepreneurship Research, Georgia Tech (November).

“Submarkets and the Evolution of Industry.” Federal Reserve Bank of Atlanta (October).

“Submarkets and the Evolution of Industry.” International Industrial Organization Conference, Atlanta, GA. (April)

“Submarkets and the Evolution of Industry.” Department of Economics, University of Florida (March).

## **2004**

“Patent Citations and the Geography of Knowledge Spillovers.” Conference in memory of Tor Jakob Klette, Department of Economics, Oslo University, Norway (June).

“Patent Citations and the Geography of Knowledge Spillovers.” Department of Economics, Iowa State University (October).

“Patent Citations and the Geography of Knowledge Spillovers.” Department of Economics, Emory University (February).

“Patent Citations and the Geography of Knowledge Spillovers.” Department of Economics, Florida International University (January).

## 2003

“Patent Citations and the Geography of Knowledge Spillovers.” Department of Economics, Louisiana State University (December).

“Selection and Firm Survival. Evidence from the Shipbuilding Industry, 1825-1914.” Roundtable on Engineering Entrepreneurship Research, Georgia Tech (November).

“Selection and Firm Survival. Evidence from the Shipbuilding Industry, 1825-1914.” Harvard Business School (September).

“Submarkets and the Evolution of Industry.” Max Planck Institute, Jena, Germany (June).

“Submarkets and the Evolution of Industry.” Tepper School of Business, Carnegie Mellon University (April).

## 2002

“Vintage-Specific Learning and the Age-Earnings Profile: An Exploration with the International Merchant Marine, 1861-1912” Department of Economics, University of Chicago (September).

“Cross-Country Growth Regressions and Health” 13<sup>th</sup> Annual Health Economics Conference, Pittsburgh, PA (June).

“Submarkets and the Evolution of Industry.” Plenary Session, Conference of the International Schumpeter Society, Gainesville, FL (April).

“Vintage-Specific Learning and the Age-Earnings Profile: An Exploration with the International Merchant Marine, 1861-1912.” Board of Governors of the Federal Reserve, Washington, DC (April).

“Patent Citations and the Geography of Knowledge Spillovers.” Department of Economics, University of Pittsburgh (February).

## C. TEACHING AND ADVISING

### CLASSES TAUGHT

Florida International (2004 - )	Principles of Microeconomics (U) Intermediate Microeconomics (U) Intermediate Macroeconomics (U) Macroeconomics II (PhD) Fundamentals of Macroeconomics (PhD) Dynamic Modeling (PhD) Economics of Entrepreneurship (PhD) Econometrics I (PhD)
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Independent study courses (PhD) on growth, technological change, & industry dynamics.

Carnegie Mellon (2002-2004)	Intermediate Macroeconomics (U) Policy Analysis (U) Dynamic Modeling (PhD)
University of Houston (1996-2001)	Intermediate Macroeconomics (U) Macroeconomics (MBA) Macroeconomics II (PhD) Microeconomics of Development (PhD) Economic Growth (PhD) Research Methods Workshop (PhD) Individual study courses (PhD) on technological change, economic growth and monetary economics.
Monterey Institute of International Studies (1994-1996)	International Macroeconomics (MBA) Theory of International Trade (MA) Microeconomics of Development (MA) Theories of Economic Growth (MA) Microeconomics (MA) Advanced Commercial Policy (MA) Statistics (MA)
University of Florida (1992-1993)	Intermediate Microeconomics (U) International Macroeconomics (MBA)

## **ADVISEES**

### **Main Adviser (Ph.D.)**

Rebecca Achée Thornton (May 2001, University of Houston). First placement: Clinical assistant professor, Department of Economics, University of Houston.

Ioana Popovici (May 2007, FIU). First placement: Senior research associate, Health Economic Research Group, University of Miami.

Jeffrey Czajkowski (August 2007, FIU). First placement: Assistant professor, Department of Economics, Austin College, Sherman, TX.

Yuanyuan Peng (August 2007, FIU). First placement: Statistician, Modeling and Analysis Department, Affinion Group, Norwalk, CT.

Zhao Rong (December 2008, FIU).

Jing Chen (FIU, expected 2009, FIU).

Dmitriy Krichevskiy (FIU expected 2010, FIU).

Fatma Deli (FIU expected 2011, FIU).

#### **Committee member (Ph.D.)**

Jay Johnson (UH; 2002); Jesus Puente (UH; 2003); Yuqing Ren (CMU; 2005), Lu Wang (CMU; 2005), Melanie Fox-Kean (UH; 2005), John Weatherby (UH, 2006); Jaegull Lee (CMU; 2006), Ramon Gonzalez-Hernandez (FIU; May 2008); Ana Franco (FIU, expected 2009), Dhimitri Qirjio (FIU, expected 2010).

#### **Honors thesis (UG)**

Yinglan Tan (CMU; 2003).

## **D. SERVICE ACTIVITIES**

### **EDITORIAL**

Associate Editor, *Management Science* (since March 2007).

Editorial board, *Journal of Evolutionary Economics*. (since 1998)

### **UNIVERSITY SERVICE**

Recruitment Committees, 1998, 1999, 2000, 2001, (UH) 2003 (CMU, co-chair), 2005 (FIU chair), 2007 (FIU chair).

Department webmaster (Since 2004).

FIU Faculty Senate, University Budget Committee (2006).

Graduate Studies Committee, 2004- (FIU).

Personnel Committee, 2005- (FIU)

Curriculum Committee, Monterey Institute of International Studies (1994-1996);

Workshop organization at Monterey, Houston and Florida International.

Research Advisory Committee, Food and Resource Economics Department, University of Florida (1991-1992).

Some other ad hoc committees, primarily concerning curriculum matters.

### **PROFESSIONAL SERVICE**

Board of Management, International Schumpeter Society (1998-2006).

Economics/marketing advisor to various NGO projects, Santa Cruz, Bolivia.

Papers refereed for numerous journals and grant agencies.

## E. CONSULTING REPORTS

NOTE: *I have not accepted any consulting offers since graduating in 1993.*

### U.S. CONTRACT REPORTS (1990-1994)

“Assessing the Economic Impact of Supplementary Water Restrictions to Agriculture.” October 1993, revised May 1994. Contracted study for the South West Florida Water Management District.

“The Structure of the Agricultural Sector in Puerto Rico.” International Working Paper No. 92-19, Food and Resource Economics Department, University of Florida. 1992.

“A Historical Overview of the Agricultural Sector in Puerto Rico.” International Working Paper No. 92-18, Food and Resource Economics Department, University of Florida. 1992.

“The Impact of Drought in South Florida.” 6 volumes [Vols 1 and 2 with Gary D. Lynne]. Contracted Study for the South Florida Water Management District, 1990-91.

### BOLIVIAN CONTRACT REPORTS (1985-1990)

“La Investigación de Mercados para Proyectos de Desarrollo Agropecuario” (Market Research for Agricultural Development Projects). Santa Cruz: CORDECRUZ, 1990.

“Análisis del Mercado para Pescado en Bolivia” (Analysis of the Bolivian Market for Fish), 1989.

“La Estructura de la Industria Avícola” (The Structure of the Poultry Industry), 1989.

“La Estimación de las Elasticidades de la Oferta y de la Demanda” (The Estimation of Supply and Demand Elasticities), 1989.

“Regresiones Curvilíneas y Superficies de Respuesta” (Non-linear Regressions and Response Surfaces), 1989.

“Análisis de Factibilidad para la Construcción de Silos en la Provincia Cordillera” (Feasibility Study for the Construction of Grain Silos in Cordillera Province), 1989.

“Estudio de Factibilidad de Producción de Claveles para la Exportación” [with M. Nuñez] (Feasibility Study for the Production of Carnations for Export), 1988.

“Proyecto para la Construcción de un Mercado Mayorista en Santa Cruz de la Sierra” (Project for the Construction of a Wholesale Market in Santa Cruz, 1988.

“La Identificación de Productos Exportables a la Argentina” (Export Opportunities in Argentina, 2 Vols), 1988.

“La Jobjoba: Una Alternativa Viable?” (Jobjoba: A Viable Alternative?), 1988.

“Diagnóstico de la Comercialización de Frutas y Hortalizas en los Valles Mesotérmicos” (Fruit and Vegetable Marketing in the Sub-Andean Valleys of Santa Cruz), 1987.

“Un Manual de Técnicas Estadísticas para la Investigación del Desarrollo Agrícola” (Manual of Statistical Methods for Agricultural Development Research), 1987.

“El Mercado para el Café Boliviano” (The Bolivian Coffee Market), 1987.

“Los Mercados para Miel y Otros Productos Apícolas para Productores Bolivianos” (The Markets for Honey and other Bee Products for Bolivian Producers), 1987.

“El Mercado para Trigo en Bolivia” (The Bolivian Wheat Market), 1986.

“Tarifas y Comercialización. Los Efectos en Bolivia” (Tariffs and Marketing. The Effects in Bolivia), 1986.

“El Mercado para Carbón Vegetal. Perspectivas para Nuevas Productores” [with O. Antuñez] (The Market for Charcoal. Prospects for New Producers), 1986.