

# Fan-chin Kung

Dept. of Economics & Finance  
City University of Hong Kong  
83 Tat Chee Avenue  
Kowloon, Hong Kong  
852-27887407; 852-27888806 fax  
kungfc@cityu.edu.hk  
<http://personal.cityu.edu.hk/~kungfc>

Dept. of Economics  
East Carolina University  
Brewster A427, Tenth Street  
Greenville, NC 27858  
252-3282488; 252-3286743 fax  
kungf@ecu.edu  
(July 16, 2008 – May 31, 2009)

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## Education

- Ph.D. in Economics, Washington University, 2002.
- M.A. and Ph.D. Candidate in Economics, University of Rochester, 1998 (on leave 1996-1998).
- B.A. in Economics, National Taiwan University, 1993.

## Research Interests

- Microeconomic Theory, Public Goods Provision, Spatial Agglomeration.

## Appointments

- Assistance Professor (Aug 2005 – Present, on leave Spring 2008, 2008 – 2009), Dept. of Economics and Finance, City University of Hong Kong.
- Assistant Research Fellow (Jul 2003 – Jul 2007, on leave 2005 – 2007), Institute of Economics, Academia Sinica, Taiwan.

## Temporary & Visiting

- Visiting Assistant Professor (Aug 2008 – May 2009), Dept. of Economics, East Carolina University.
- Visiting Assistant Professor (Jan 2008 – May 2008), Dept. of Economics, Washington University.
- Adjunct Assistant Professor (Jan 2003 – May 2003), Dept. of Economics, Saint Louis University.
- Visiting Scholar (Jul 2002 – Jun 2003), Dept. of Economics, Washington University.

## Research Papers

### Publications

- “Private Benefits, Warm Glow and Reputation in the Free and Open Source Software Production Model” (with J. Conley), *Journal of Public Economic Theory*, special issue, T. Bergstrom ed., forthcoming.
- “Coalition Formation with Local Public Goods and Group-Size Effect,” *International Journal of Game Theory*, forthcoming.
- “Bifurcations in Regional Migration Dynamics” (with M. Berliant), *Regional Science and Urban Economics* 39(6), 714-720, 2009.
- “Voluntary Contributions to Multiple Public Goods in a Production Economy with Widespread Externalities,” *Journal of Mathematical Economics* 44(12), 1364-1378, 2008.
- “The Indeterminacy of Equilibrium City Formation under Monopolistic Competition and Increasing Returns,” (with M. Berliant) *Journal of Economic Theory* 131(1), 101-133, 2006.
- “An Algorithm for Stable and Equitable Coalition Structures with Public Goods,” *Journal of Public Economic Theory* 8(3), 345-355 (lead article), 2006.

### Working Papers

- “A Theory of the Spatial Network” (with P. Wang), November 2008, under review.

- “Can Information Asymmetry Cause Agglomeration?” (with M. Berliant), February 2009, under review.
- “The Formation of Collective Decision-Making Units: Stability and a Solution,” June 2002.

#### Work in Progress

- “Coalition Formation with Asymmetric Information” (with M. Wooders).
- “Leadership in Voluntary Contributions to Public Projects” (with J. Conley).
- “General Externalities in Production Economies.”
- “Team Formation on a Network with Externalities.”
- “Impossibility of Spatial Equilibrium: Starrett vs. Arrow-Debreu.”
- “Providing Public Goods with Congestion” (with B-G. Ju).
- “Public Goods Provision under Risk.”
- “Learning Preferences for Public Good from Donations” (with C. Landry).
- “Reputation Concerns in a Public Good Contribution Game” (with J. Kruse).
- “Risk Preferences, Deductible Choice and Flood Insurance Coverage” (with C. Landry and M. Jahan-Parvar).
- “School Quality, Expenditure, and Household Sorting” (with H-Y Liu).

### Professional Activities

#### Conference Presentations

- Society for the Advancement of Economic Theory (SAET) Conference on Current Trends in Economics: Kos, Greece (Jun 2007).
- Econometric Society North American Winter Meetings: Washington, D.C. (Jan 2003), New Orleans (Jan 2001).
- International Meetings of the Association for Public Economic Theory: Vanderbilt U (Jul 2007), Hanoi, Vietnam (Aug 2006), Peking U (Aug 2004).
- Midwest Economic Theory and International Economics Meetings: UIUC (May 2008), U of Kansas (Oct 2005), Vanderbilt U (Apr 2005), Washington U (Nov 2004), U of Minnesota (Oct 2000).
- North American Meetings of the Regional Science Association International: New York (Nov 2008), Savannah (Nov 2007), San Juan, Puerto Rico (Nov 2002), Charleston (Nov 2001).
- European Workshop on General Equilibrium Theory: Venice International U (Jun 2004), Bielefeld U (May 2003).
- Asian Workshop on General Equilibrium Theory: National U of Singapore (Aug 2007), Academia Sinica (Jul 2006), U of Tokyo (Jun 2005).
- Coalition Theory Network Workshops: U of Paris I (Jan 2005).
- Far Eastern Meetings of the Econometric Society: Academia Sinica (Jul 2007).
- Meetings of the Public Choice Society and Economic Science Association: Charleston (Mar 2000).
- Taipei Conference on Public Finance and Welfare, Academia Sinica (Dec 2000).

#### Seminars

- Vanderbilt U (2008S), East Carolina U (2008S), Korea U (2007S), National U of Singapore (2007S), U of Hong Kong (2007S, 2006S), Washington U (2005S), City U of Hong Kong (2005S), U of Kansas (2004F), SUNY at Buffalo (2003S); Tam-Kang U (2005S), Cheng-Chi U (2004F), Central U (2004S), Taipei U (2003F), National Taiwan U (2003S, 2001S).

#### Refereeing

- *Econometrica*, *Economics Bulletin*, *Journal of Economic Dynamics and Control*, *Journal of Mathematical Economics*, *Journal of Public Economic Theory*, *Journal of Regional Science*, *Journal of Urban Economics*, *Pacific Economic Review*, *Papers in Regional Science*, *Taiwan Economic Review*, *Discrete Dynamics in Nature and Society*, National Science Council of Taiwan Research Grants.

## Memberships

- Econometric Society, Association for Public Economic Theory, Regional Science Association International, Hong Kong Economic Association.

## Research Grants

- Research Granting Council of Hong Kong: GRF-9041425 (2008-2010), CERG-9041177 (2006-2008).
- City U of Hong Kong Research Grants: SRG-7001914 (2006-2008), NSSG-7200062 (2006-2008).
- National Science Council of Taiwan Research Grants: 94-2415-H-001-030 (2005-2006), 93-2415-H-001-034 (2004-2005), 93-2415-H-001-008 (2003-2004).

## Teaching Interests

- Microeconomics, Public Economics, Game Theory, Urban Economics, Political Economy, Mathematical Economics.

## Supervising

- MBA Project (FB6700) supervisor, City U of Hong Kong (2006-2007, 2007-2008).
- M Phil Panel Member, City U of Hong Kong (2006-2008).
- Undergraduate Project (EF4300) supervisor, City U of Hong Kong (Fall 2006).
- MA Defense Committee, National Cheng-Chi U (2004-2005).

## Service

- EMBA instructor (FB5802I), City U of Hong Kong: ICBC&INVESCO Senior Executive Training Program, Guangzhou (Winter 2007).
- Department representative, City U of Hong Kong: China International Education Exhibition Tour, Chongqing (Mar 2007).
- Committee member, ECU: PhD Course Development Committee – Micro Theory (2008-2009).
- Committee member, Academia Sinica: Recruiting Committee (2004-2005), Computer Committee (2004-2005), Welfare Committee (2004-2005).

## References

- Marcus Berliant,<sup>a</sup> (314) 935-8486, berliant@artsci.wustl.edu
- John Conley,<sup>b</sup> (615) 3222920, j.p.conley@vanderbilt.edu
- Chung-Ming Kuan,<sup>c</sup> (886)227822791 ext 600, ckuan@econ.sinica.edu.tw
- John Nachbar,<sup>a</sup> (314) 935-5612, nachbar@artsci.wustl.edu
- Norman Schofield,<sup>a</sup> (314) 935-4774, schofld@artsci.wustl.edu
- Ping Wang,<sup>a</sup> (314) 935-5632, pingwang@artsci.wustl.edu

<sup>a</sup>Dept. of Economics, Washington University, Campus Box 1208, One Brookings Drive, St. Louis, MO 63130-4899.

<sup>b</sup>Dept. of Economics, Vanderbilt University, Nashville, TN 37235.

<sup>c</sup>Institute of Economics, Academia Sinica, 128 Sec. 2, Academia Road, Taipei, Taiwan 115.