

**Myrna Wooders**

## **CURRICULUM VITAE**

**NAME** Myrna WOODERS

**ADDRESS** Department of Economics  
Vanderbilt University  
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Website [www.myrnawooders.com](http://www.myrnawooders.com)

## **EDUCATION**

Ph.D. University of Minnesota. Supervisor: Nobel Laureate Professor Leonid Hurwicz

## **POSITIONS AT UNIVERSITIES**

Professor of Economics, Vanderbilt University, 2004 –

Professor of Economics, University of Warwick, 1999 –2008  
(Part time from 2004 until 2008).

Professor of Economics, University of Toronto, 1987-1999

Associate Professor, University of Toronto, 1981-1987

Visiting Fellow, the COWLES Foundation, Yale University, Fall 1980.

Lecturer, Department of Economics, SUNY-Stony Brook, 1976-1980.

### **Other Positions at Universities**

Paris-Dauphine and Centre for Economic Research (Paris 1), April and May 2012

University of New South Wales, February 2012

University of Sydney, January 2012

University Technology of Sydney, Summer 2011

Paris School of Economics, Summer 2009

University of Queensland, September 2007

International Research Visitor, Institute for Fiscal Studies, UCL

National University of Singapore March 2007

University of Paris 1- Sorbonne and CERMSEM, June 2001 and June 2002

University of the Basque Country, Bilbao, March 1999

University of Bielefeld, February 1999

Tilburg University, April 1999

## **Myrna Wooders**

University of Cergy-Pontoise, May 1999  
Autonomous University of Barcelona Fall 1994  
University of Alabama Spring 1995  
Hebrew University Department of Mathematics Spring 1988  
Centre for Interdisciplinary Research, University of Bielefeld, Fall 1987

## **EDITORIAL BOARDS**

- 2012 Associate Editor of the *Journal of Dynamics and Games* (a journal of the American Institute of Mathematical Sciences, to be launched in 2012)
- 2011 Guest Editor for a special issue of *International Journal of Economic Theory*, with Kazuo Nishimura and Makoto Yano (In progress)
- 1998- Editor, *Journal of Public Economic Theory*, (JPET).
- 2004 Guest editor (with Rabah Amir, Robert Aumann, and James Peck) of a special issue of *Games and Economic Behavior* in honor of Martin Shubik
- 2004 Guest co-editor for a special issue of *Les Annales d'Economie et de Statistique*.
- 2000 Founding editor of *Economics Bulletin*
- 1997 Guest co-editor for a Special Issue of *Social Choice and Welfare*

## **MEMBERSHIP IN ACADEMIC ORGANIZATIONS**

Econometric Society (Fellow)

Society for the Promotion of Economic Theory (Fellow)

Association for Public Economic Theory (President)

Game Theory Society (Charter Member and Former Council Member)

European Economic Association (member)

## **ACADEMIC HONORS**

Economic Theory Fellow 2011

Fellow of the Econometric Society, 2001

Charter Member of the Game Theory Society 1999

## **Myrna Wooders**

Council Member of the Game Theory Society (2006-2009)

Program Committee Chair of the 1994 Summer Meetings of the Econometric Society, Quebec City.

Humboldt Forschungspreis für Ausländische Geisteswissenschaftler (Research Prize, Spring & Summer 1991) for Foreign Scientists in the Humanities, from the German Humboldt Foundation)

Connaught Fellowship in the Social Sciences 1990

Woodrow Wilson Fellow

### **RESEARCH CENTER MEMBERSHIP**

Van Xuan University Center of Research in Economics and Management, Vietnam

International Research Fellow of the Institute for Fiscal Studies (IFS), London, UK

Fellow of the CESifo Research Network, Munich, Germany

### **INVITED PLENARY AND KEYNOTE LECTURES**

*Semi-Plenary Lecture: TBA, Australian Meetings of the Econometric Society, Melbourne July 2012.*

*Keynote Lecture: “Games with many players as models of competitive economies,” Second UECE Lisbon Meetings in Game Theory and Applications, November 2010.*

*Keynote Lecture: “Games with many players as models of competitive economies” General Equilibrium Theory in Asia, Hanoi, August 2010.*

*Plenary Lecture: “Games with many players as models of competitive economies” Second Brazilian Workshop of the Game Theory Society, San Paulo, August 2010.*

*Plenary Lecture: “A strategic market game approach for the private provision of public goods,” (with M. Faias and E. Moreno), Journee Louis-Andre Gerard-Varet 10<sup>th</sup> Anniversary Tribute, Marseille, June 2100.*

*Keynote Lecture: “Games with many players as models of large economies,” Third International Conference on Game Theory and Management, June 24-26, 2009 in St. Petersburg (Russia).*

*Plenary Lecture: “Small groups in large economies; Past, present and future,” Public Economic Theory 09 Galway (Ireland), June 2009.*

*Plenary Lecture: “Conformity, correlation and equity,” SING (Spanish, Italian, Netherlands Game Theory) Meeting, June 2006.*

## **Myrna Wooders**

*Keynote Lecture:* “Strategic basins of attraction, the path-dominance core and network formation games,” *GameNets Workshop*, Pisa, October 2006.

*Plenary Lecture:* “Market games, inequality and the equal treatment property of the core, 16<sup>th</sup> *International Conference on Game Theory*, State University of New York – Stony Brook, July 2005.

*Plenary Lecture:* “Behavioral Conformity in Games with Many Players,” 15<sup>th</sup> *International Game Theory Conference*, Stony Brook, New York, July 2004.

### **RECENT INVITED LECTURES (2009-currently scheduled)**

, A strategic market game approach for the private provision of public goods, (with M. Faias and E. Moreno) MINT 3 (Models of Influence and Network Theory) workshop , Paris 1, May, 2012.

A strategic market game approach for the private provision of public goods, (with M. Faias and E. Moreno). University of Luxembourg, May 2012.

“Existence of equilibrium with unbounded short sales: A New approach,” Center for Economics of the Sorbonne (Paris 1) April 2011.

Subgame perfect cooperation” (with P. Chander), University-Dauphine, Paris, April 2011.

The theory of clubs and competitive coalitions,” Paris 1, *Workshop on Economic Theory*, December 2011.

“The theory of clubs and competitive coalitions,” *Workshop on Cooperation, Matching and Collective Goods*, San Luis, Argentina, November 2011

“A strategic market game approach for the private provision of public goods,” (with M. Faias and E. Moreno), IUPUI, October 2011.

“A strategic market game approach for the private provision of public goods,” (with M. Faias and E. Moreno), *University of Exeter Workshop on Economic Theory* in honor of Cuong Le Van, September.

“Competition and Cooperation,” Jacques Morgenstern colloquium, April 2011, at INRIA Institute of Sciences and Technology of Information and Communication, University of Nice Sophia Antipolis, April 2011.

“Share equilibrium in Economies with Local Public Goods,; (with A. van den Nouweland), Catholic University of Lisbon, April 2011.

“Share equilibrium in Economies with Local Public Goods,; (with A. van den Nouweland), University of Technology Sydney, March 2011.

## **Myrna Wooders**

“Strategic network interdiction,” (with F. Page) Universities of Lyon and St. Etienne, July 2010, invited presentation.

"Share equilibrium in economies with local public goods," (with A. van den Nouweland) University of Kansas, December 2010, Workshop on Economic Theory, invited speaker.

"Subgame perfection in extensive form games," (with P. Chander) MINT (Models of Influence and Network Theory) Workshop, Paris 1, October 2010, invited speaker.

"Share equilibrium in economies with local public goods," (with A. van den Nouweland) Sorbonne Workshop of Economic Theory, June 2010, invited speaker.

Conference on Behavioral and Quantitative Game Theory, Newport CA, May 2010, invited panelist.

"Share equilibrium in economies with local public goods," (with A. van den Nouweland) Conference on Behavioral and Quantitative Game Theory, Newport CA, May 2010, invited speaker.

“NTU games with Many Players,” (with N. Allouch) CRETA-IAS Workshop on Competition and Cooperation, Warwick, April, 2010, invited speaker.

"Share equilibrium in economies with local public goods," (with A. van den Nouweland) 2009-2010 Symposium in Complexity Science, Game Theory and its Applications, April 2010, Warwick University, invited speaker.

“Share equilibrium in economies with local public goods,” (with A. van den Nouweland) Exeter Workshop on Economic Theory, June 2010, invited speaker.

"Social conformity," (with E. Cartwright) Louisiana Workshop on Networks, February 2010, invited speaker.

“Conformity and stereotyping in social groups,” (with E. Cartwright), Colloquium “Collective choice and economic design” in honor of Professor Frans Spinnewyn, University of Leuven, Belgium.

“Emergent network dynamics and strategic social interactions,” (with F. Page) Coalition Theory Network Annual Meeting, Maastricht, Netherlands, January 2009.

“Dynamic club formation with coalitional deviations,” (with T. Arnold). International DIME Conference on the Formation of Economics and Social Networks, Paris (France) June 2009

## **OTHER PROFESSIONAL HONORS**

2011 Member of the Program Committee UECE Lisbon Meetings 20101: Game Theory and Applications, Lisbon 2011.

## **Myrna Wooders**

- 2010 Member of the Program Committee of the Brazilian Workshop in Game Theory, San Paulo, Brazil, August 2010.
- 2010 Member of the Organizing Committee of the NSF-sponsored conference, "Behavioral & Quantitative Game Theory Conference on Future Directions," Newport Beach, California, May 2010.
- 2009 Member of the Program Committee of the Third Annual Conference on Game Theory and Management, St. Petersburg, Russia, June 2009.
- 2009 Member of the International Scientific Committee of the Society for the Advancement of Economic Theory Conference, Ischia, Italy, June 2009.
- 2006 Member of the Program Committee for the 2006 Vienna Econometric Society Meetings
- 2004 Member of the Program Committee for Theoretical and Applied Economics of the Econometric Society European Meetings, Madrid 2004.
- 2001-2004 Elected Member of the Royal Economic Society Women's Committee.
- 1996 Program Committee Member for the 1997 Canadian Public Economics Workshop
- 1995 Program Committee Member for the 1996 Meetings of the Social Choice and Welfare Society Conference
- 1995 Program Committee Member for the 1996 St. Petersburg International Conference on Game Theory
- 1994 Professors Visitants Fellowship, 1994. Direccio General d'Universitats of Catalonia.
- 1994 Organizer of the 1994 Decentralization Conference, sponsored by the National Bureau of Economic Research and the SSHRC
- 1994 Member of the Program Committee of the 2nd International Conference on Social Choice and Welfare (Rochester, July 1994)
- 1992-1993 President, Women Economists Network of Canada
- 1990 - 1992 Board Member, American Economic Association Committee on the Status of Women in the Economics Profession (CSWEP)

## **MINI COURSES**

- Competitive Markets and Games, Networks, and Social Behavior," Wuhan University, August 2008.
- "Networks; A mini-course," University of Queensland, Australia September 2007.

## **Myrna Wooders**

“Club Theory and the Theory of Local Public Goods,” National University of Singapore, March 2007

“Topics in Game Theory,” Wuhan Military College of Economics, September 2001

“Club Theory and the Theory of Local Public Goods,” Tilburg University, 1999

“Club Theory and Cooperative Games,” University of Bielefeld, 1999

## **EXTERNAL REVIEW BOARDS OF OTHER UNIVERSITIES**

Member of the Review Board of the University of Aix-Marseille 2002

Member of the Review Committee for the Department of Economics of Bowdoin College

## **PUBLICATIONS: Books**

1. *Group formation in economics; Networks, clubs and coalitions*, (with Gabrielle Demange), eds., January 2005, Cambridge University Press: Cambridge/New York/Port Melbourne/Madrid/Cape Town.
2. *Topics in Mathematical Economics and Game Theory*; Essays in Honor of Robert J. Aumann, American Mathematical Society Fields Institute Communication (1999).

## **PUBLICATIONS: Articles**

3. “The theory of clubs and competitive coalitions” (invited submission for *Annual Review of Economics*, edited by K. Arrow and T. Bresnahan, scheduled to appear in September 2012.)
4. “The partnered core of a game with side payments (with P. Reny and E. Winter), *Social Choice and Welfare*, Online First™, 24 January 2012
5. Introduction to the Coalition Theory Network Special Issue (with F. Bloch, J-J Herings, and B. Klaus), *Journal of Public Economic Theory* 2011.
6. “Share equilibrium in economies with local public goods,” (with A. van den Nouweland), *Journal of Mathematical Economics*, 47, Issue 3, May 2011, Pages 376-381.
7. “Decentralized job matching,” (with G. Haeringer), *International Journal of Game Theory*, 2011, Pages 1-28. DOI: 10.1007/s00182-009-0218-x.
8. “Cores of many player games; nonemptiness and equal treatment,” *Review of Economic Design* (in press) DOI: 10.1007/s10058-009-0095-6.

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9. Club networks with multiple memberships and noncooperative stability (with F. Page) *Games and Economic Behavior*, Volume 70, Issue 1, September 2010, Pages 12-20.
10. "Strategic basins of attraction, the path dominance core, and network formation games," (with F. Page), *Games and Economic Behavior* Volume 66, Issue 1 (May 2009), Pages 462-487.
11. "Networks and stability," (with F. Page), *Encyclopedia of Complexity and Systems Science*, Springer Publishing Co., (2009) pages 6024-48.
12. "Markets and games," *Encyclopedia of Complexity and Systems Science*, Springer Publishing Co., (2009) pages 5359-57.
13. "But what have you done for me lately? Commercial publishing, scholarly communication and open access," *Economic Analysis and Policy* 39 (March 2009), 71-87.
14. "On ex-post purification of equilibrium," (with E. Cartwright), *International Journal of Game Theory* 38, (2009), 127-136.
15. "On equilibrium in pure strategies in games with many players" (with E. Cartwright) *International Journal of Game Theory* 38, (2009), 137-153.
16. "Price taking equilibrium in economies with multiple memberships in clubs and unbounded club sizes," (with N. Allouch), *Journal of Economic Theory*, Volume 140, Issue 1, May 2008, Pages 246-278.
17. "Anonymous price taking equilibrium in Tiebout Economies with a continuum of agents; Existence and characterization" (with N. Allouch and J. Conley) *Journal of Mathematical Economics*, Volume 45, Issues 9-10, 20 September 2009, Pages 492-510
18. "Public good differentiation and the intensity of tax competition," (with B. Zissimos), *Journal of Public Economics*, Volume 92, Issues 5-6, June 2008, Pages 1105-1121.
19. "Small group effectiveness, per capita boundedness and nonemptiness of approximate cores," *Journal of Mathematical Economics*, Volume 44, Issues 7-8, July 2008, Pages 888-906
20. "On large games with bounded essential coalitions," (2008) (with E. Winter), *International Journal of Economic Theory*, in a special issue in honor of Takashi Negishi.
21. "Coalitions," (with F. Page) in *The New Palgrave Dictionary of Economics*, Second Edition, eds. S. Durlauf and L. Blume, Palgrave MacMillan: Basingstoke and New York, 2008.
22. "Olga Bondareva," in *The New Palgrave Dictionary of Economics*, Second Edition, eds. S. Durlauf and L. Blume, Palgrave MacMillan: Basingstoke and New York, 2008
23. "Networks and clubs" (with F. Page), *Journal of Economic Behavior & Organization*, Volume 64, Issues 3-4, November-December 2007, 406-425.

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24. "Protests and reputation" (with L. Buenrostro and A. Dhillon), *International Journal of Game Theory* 35, 2007.
25. "Mimetics and voting: How nature makes us public spirited (with J. Conley and A. Toosi), *International Journal of Game Theory* 35, 2006.
26. "Risky arbitrage, asset prices and externalities," (with C. Le Van and F. Page, *Economic Theory* 33, #3, December 2007, 475-491
27. "Tax competition revisited," (with A. Dhillon and B. Zissimos) *Journal of Public Economic Theory* Volume 9, Issue 3, Page 391-423, Jun 2007, doi: 10.1111/j.1467-9779.2007.00312.x
28. "Behavioral conformity in games with many players," (with E. Cartwright and R. Selten), *Games and Economic Behavior*, Volume 57, Issue 2, November 2006, Pages 347-360
29. "The Law of Demand in Tiebout economies," (with E. Cartwright and J. Conley), in *The Tiebout Model at Fifty*, William A. Fischel (ed), Lincoln Institute of Land Policy, Cambridge, Massachusetts (2006).
30. Comparative statics and laws of scarcity for games," *Essays in Honor of Marcel K. Richter*, Daniel McFadden and Rosa Matzkin eds. (2006).
31. "Games and economies with near exhaustion of gains to scale," *Group formation in economics; Networks, clubs and coalitions*, G. Demange and M. Wooders, eds., Cambridge University Press (2005).
32. "Networks and Farsighted Stability," (with F. Page and S. Kamut), *Journal of Economic Theory*" (2005).
33. "Laws of scarcity for a finite game; Exact bounds on estimation," (with A. Kovalenkov) *Economic Theory* 26, Number 2 (August 2005); 383 – 396.
34. "Advances in the theory of large cooperative games and applications to club theory; the side payments case," (2004) (with A. Kovalenkov) in *The Endogenous Formation of Economic Coalitions*, Carlo Carraro ed., Edward Elgar Cheltenham, UK/Northampton, MA, USA.
35. "Hedonic Independence and Taste Homogeneity of Organizations with Crowding Types," (with J. Conley), *Les Annales d'Economie et de Statistique* (2004).
36. "Utility theory in cooperative game theory" (with Mamoru Kaneko) *Handbook of Utility Theory*, eds. P. Hammond and C. Siedel (2004).
37. "Approximate cores of games and economies with clubs" (with A. Kovalenkov) *Journal of Economic Theory* 110 (2003) 87-120.

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38. "Elections and strategic position games" (with F. H. Page Jr.) *Review of Economic Design* 8, April 2003, 63-84.
39. "Epsilon cores of games with limited side payments; Nonemptiness and equal treatment" (with A. Kovalenkov) *Games and Economic Behavior*, August 2001, vol. 36, no. 2, pp. 193-218.
40. "Tiebout Economics with differential genetic types and endogenously chosen crowding characteristics," (with J. Conley) *Journal of Economic Theory* (2001) 98, 261-294.
41. "The efficiency, equity and politics of emissions permit trading" (2001) (with B. Zissimos) University of Warwick Department of Economics Working Paper No 586, in *Environmental Policy and the International Economy*, eds. Laura Marsiliani, Michael Rauscher and Cees Withagen.
42. "Some corrections to claims about the literature in Engl and Scotchmer (1996)" *Journal of Mathematical Economics*, 36, 2001, pp. 295-309.
43. "The battle of the sexes over the distribution of male surplus," (with H. van den Berg) *Economics Bulletin*, Vol. 3, no. 17 pp. 1-9.
44. "On the theory of equalizing differences: Increasing abundances of types of workers may increase their earnings," (with E. Cartwright), *Economics Bulletin*, Vol. 4 no. 4 (2001), pp. 1-10.
45. "Arbitrage and equilibrium in economies with externalities," (with C. Le Van and F. H. Page Jr), *Journal of Global Optimization* (2000) 20, 309-321.
46. "Cyclic games; An introduction and some examples," (with R. Selten), *Games and Economic Behavior*, vol. 34, no. 1, January (2001) pp. 138-152 (15).
47. "Arbitrage with price-dependent preferences: Equilibrium and market stability," (1999), (with F. H. Page, Jr.) in *Topics in Game Theory and Mathematical Economics; Essays in Honor of Robert J. Aumann*, Fields Institute Communication Volume, American Mathematical Society
48. "Inconsequential arbitrage," (with F. H. Page Jr. and P. Monteiro), *Journal of Mathematical Economics* 34, (2000), 439-469.
49. "Increasing cones, recession cones and global cones," (with P. Monteiro and F. Page) *Optimization* (2000).
50. "An exact bound on epsilon for non-emptiness of the epsilon-cores of games," (with A. Kovalenkov) *Mathematics of Operations Research*, Vol 26, No 4, Nov 2001, pp 654.678.
51. "Axiomatizations of Lindahl and Ratio Equilibria in public good economies," (with A. Van den Nouweland and S. Tijs) *Social Choice and Welfare*.
52. "A further extension of the KKMS Theorem," (with Y. Kannai) *Mathematics of Operations Research*, Vol 25, No. 4, (November 2000), 539-551.

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53. "Multijurisdictional economies, the Tiebout Hypothesis, and sorting," *Proceedings of the National Academy of Sciences* Vol. 96, Issue 19, 10585-10587, September 14, 1999.
54. "Arbitrage and global cones; Another counterexample," (with P. Monteiro and F. Page) *Social Choice and Welfare* 16 (1999), 337-346.
55. "Clubs, markets, and near-market games," (with M. Shubik) in *Topics in Game Theory and Mathematical Economics; Essays in Honor of Robert J. Aumann*, ed. M.H. Wooders, Field Institute Communication Volume, American Mathematical Society.
56. "First and second welfare theorems for economies with collective goods" (with V. Barham) (Refereed) in *Topics in Public Finance*, D. Pines, E. Sadka and I. Zilcha, eds. Cambridge University Press (1998), 57-88.
57. "Anonymous pricing in public goods economies," (with J. Conley) (Refereed) in *Topics in Public Finance*, D. Pines, E. Sadka and I. Zilcha, eds. Cambridge University Press (1998), 89-120.
58. "Anonymous Lindahl pricing in a Tiebout economy with crowding types," (with J. Conley), *Canadian Journal of Economics* 31 (1998), 952-974.
59. "An extension of the KKMS Theorem," (with P. Reny) *Journal of Mathematical Economics* 29 (1998), 125-134.
60. "Arbitrage, equilibrium and gains from trade; A counterexample," (with P.K. Monteiro and F. H. Page Jr.) *Journal of Mathematical Economics* 28 (1997) 481-501.
61. "Credible threats of secession, partnership, and commonwealths," (with P.J. Reny) in *Understanding Strategic Interaction; Essays in Honor of Reinhard Selten*, W. Albers, W. Guth, P. Hammerstein, B. Moldovanu, and E. van Damme (eds), Springer-Verlag: Berlin/Heidelberg/New York/Tokyo, 305-312.
62. "On the growth-Maximising distribution of income," (with A. Robson), *International Economic Review* 38 (1997) 511-526.
63. "Equivalence of the core and competitive equilibrium in a Tiebout Economy with crowding types," (with J. Conley) *Journal of Urban Economics* 41 (1997) 421-440.
64. "Equivalence of Lindahl Equilibria with participation prices and the core," *Economic Theory* 9 (1997), 115-128.
65. "Taste-homogeneity of optimal jurisdictions in a Tiebout Economy with crowding types and endogenous educational investment choices" (with J. Conley) *Ricerche Economiche* (1996) 50, 367-387.

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66. "The partnered core and the partnered competitive equilibrium," (with F. Page) *Economics Letters* 52 (1996) 143-152.
67. "A necessary and sufficient condition for compactness of individually rational and feasible outcomes and existence of an equilibrium" (with F. Page) *Economics Letters* 52 (1996) 153-162.
68. "The partnered core of a game without side payments" (with P. Reny), *Journal of Economic Theory* 70 (1996), 298-311.
69. "The nonemptiness of the f-core of a game without side payments" (with M. Kaneko) *International Journal of Game Theory* 25 (1996), 245-258.
70. "Equivalence of games and markets," *Econometrica* 62 (1994), 1141-1160.
71. "An axiomatization of the core of finite games and continuum games with finite coalitions" (with E. Winter), *Social Choice and Welfare*, (1994) 11:165-175.
72. "Large games and economies with effective small groups," in *Game Theoretic Approaches to General Equilibrium Theory*, eds. J-F. Mertens and S. Sorin, Kluwer Academic Press, Dordrecht/Boston/London (1994), 145-206.
73. "Widespread externalities and perfectly competitive markets," (1994) (with M. Kaneko), in *Economic Behavior in an Imperfect Environment*, ed. R. Gilles, P. Ruys, and D. Talman.
74. "Inessentiality of large groups and the approximate core property; An equivalence theorem", *Economic Theory* 2, (1992), 129-147.
75. "A game equilibrium model with thin markets," (1991) (with R. Selten), in *Game Equilibrium Models: Volume III, Strategic Bargaining* ed. R. Selten, Springer - Verlag Berlin/Heidelberg/New York/London/ Paris/ Tokyo/ Hong Kong/Barcelona/Budapest (1991). (Refereed), 242-282.
76. "A Tiebout Theorem," *Mathematical Social Sciences* 18 (1989) 33-55.
77. "Continuum economies with finite coalitions; Core, equilibria, and widespread externalities," (with P. Hammond, and M. Kaneko), *Journal of Economic Theory* 49 (1989) 113-134.
78. "The core of a continuum economy with widespread externalities and finite coalitions; from finite to continuum economies" (with M. Kaneko), *Journal of Economic Theory* 49 (1989), 135-168.
79. "Stability of jurisdiction structures in economics with local public goods", *Mathematical Social Sciences* (1987), 29-49.
80. "Competitive equilibrium and the core in club economies with anonymous crowding," (with S. Scotchmer), *Journal of Public Economics* (1987).

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81. "Large games: Fair and stable outcomes" (with W.R. Zame), *Journal of Economic Theory* 42 (1987), 59.
82. "Values of large finite games" (with W. Zame), *The Shapley Value*, ed. A. Roth, (1987) 195-206.
83. "The core of a game with a continuum of players and finite coalitions: The model and some results" (with M. Kaneko), *Mathematical Social Sciences* 2 (1986), 105-137.
84. "Sophisticated entry in a model of spatial competition" (with B.C. Eaton), *The Rand Journal* 16 (1985), 282-297 (Reprinted in *The Economics of Product Differentiation* ed. J. Thisse and G. Norman, Edward Elgar, Cheltenham).
85. "Near-markets and market games" (with M. Shubik), *The Economic Studies Quarterly* 37 (1986), 289-299.
86. "Approximate cores of large games" (with W.R. Zame), *Econometrica* 52 (1984), 1327-1350.
87. "Approximate cores of replica games and economies; Part 1. Replica games, externalities, and approximate cores" (with M. Shubik), *Mathematical Social Sciences* 6 (1983), 27-48.
88. "Approximate cores of replica games and economies: Part II, Set-up costs and firm formation in coalition production economies" (with M. Shubik), *Mathematical Social Sciences* 6 (1983), 285-306.
89. "The epsilon core of a large replica game," *Journal of Mathematical Economics* 11 (1983), 277-300.
90. "Cores of partitioning games" (with M. Kaneko), *Mathematical Social Sciences* 3 (1982), 313-327.
91. "The Tiebout Hypothesis; Near optimality in local public good economies," *Econometrica* 48 (1980), 1467-1485.
92. "Income distribution and firm formation," (with E. Bennett), *Journal of Comparative Economics* 3 (1979), 304-311
93. "Equilibria, the core, and jurisdiction structures in economies with a local public good", *Journal of Economic Theory* 18 (1978), 328-348 with "A Correction", *Journal of Economic Theory* 25 (1981), 144-51.

## **Other Publications**

94. "Large games and economies with near-exhaustion of gains to coalition formation," an extended abstract in *Game Theory and Applications: The First Ohio State University Conference* ed. T. Ishiichi, Academic Press (1990).

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95. "Values of large finite games" (with W.R. Zame), an extended abstract in *Game Theory and Economic Applications: The First Ohio State University Conference* ed. T. Ishiichi, Academic Press (1990).
96. "Gender Issues in Economic Research," (with Ramya Sundaram), in *Royal Economic Society Newsletter* *Royal Economic Society Newsletter*, July 2004.
97. "Economic Essays; A Festschrift for Werner Hildenbrand; A Review," a book review for the *Journal of Economic Literature* Dec 2003, Vol. 41 Issue 4, 1272-1274.
98. "Public Economic Theory," (with John Conley), *Journal of Public Economic Theory* 1 (1999), 1-3.
99. "Economics Bulletin; An Effort to Return Control of Publication to the Academy" *The Royal Economic Society Newsletter*, October 2001.
100. "On Writing Grant Proposals" in the *Canadian Women Economics Newsletter*, 1994, "republished" on the CWEN web site at <http://www.yorku.ca/research/cwen/>.
101. "Household Choices; An Interview," in *Economics; Canada in the Global Environment* (Second Edition) by M. Parkin and R. Bade, (pages 1154-157).
102. *Contributions to Operations Research and Economics: The Twentieth Anniversary of CORE*; B. Cornet and H. Tulkens (eds). A book review, for *Zeitschrift für Nationaleconomie*.
103. Bibliographic Sketches of Women in Economics for the CSWEP Newsletter: "Mabel Timlin; A Remarkable Canadian Economist", CSWEP Newsletter, October 1990.
104. Bibliographic Sketches of Women in Economics for the CSWEP Newsletter: "Nancy Schwartz; Some Personal Views of an Outstanding Professional Economist", CSWEP Newsletter, May 1991.
105. Bibliographic Sketches of Women in Economics for the CSWEP Newsletter: "Olga Bondareva; Soviet Game Theorist and Economist", CSWEP Newsletter, May 1992

## **Research in progress**

104. "Endogenous Network Dynamics," (with F. Page)
105. "A strategic model of club formation; existence and characterization of equilibrium" (with M. Faias).
106. "Noncooperative market games and the provision of public goods" (with M Faias and E. Moreno)

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107. "Dynamic club formation with coordination" (with Tone Arnold), University of Warwick Department of Economics Working Paper # 640, May 2002.

108. "Conformity, correlation and equity" (with Edward Cartwright), under review

110.. "Arbitrage and Equilibrium" (with V. Danilov, G. Koshovoy and F. Page).

111. "Ranking journals; Show me the money," (with Y. Fadlon).

112. "Subgame perfect cooperation in an extensive game," (with P. Chander), under review.

113. "Reinhard Selten; An Interview" (in progress)

## **REVIEWER FOR:**

**Journals:** *American Economic Review*, *Canadian Journal of Economics*, *Econometrica*, *Economics Bulletin*, *Economics Letters*, *Games and Economic Behavior*, *International Economic Review*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Public Economics*, *Review of Economic Studies*, *International Journal of Economic Theory*, and others.

**Other:** Economic and Social Research Council, National Science Foundation, Social Sciences and Humanities Research Council of Canada, Econometric Society European Meetings 2006, and others.

## **RESEARCH FUNDING**

### **Research Grants**

British Academy/National Science Council Taiwan: Asian and European Political Economy: Game Theoretic Studies. 2003-2005

Economic and Social Research Council (UK): Multijurisdictional Economies: Trade and Tax/Amenity Competition, October 2000 - September 2002

Social Sciences and Humanities Research Council of Canada, Principal Investigator, continuous funding from 1982 to 1999.

Natural Sciences and Engineering Research Council of Canada, Principal Investigator, funding from 1984 to 1996.

Humboldt Senior Research Award 1991

Connaught Senior Fellowship 1991-1992

**Myrna Wooders**

## **CONFERENCE/SEMINAR FUNDING AND ORGANIZATION**

PET 12 Taipei, Co-chair of the Organizing Committee

PET 11 Indiana, Co-chair of the Organizing Committee

PET 10 Istanbul, Turkey, June 2010, Co-Chair of the Organizing Committee

PET 09 Galway, held in Galway, Ireland, June 2009, Co-Chair of the Organizing Committee

PET 08 Seoul, held in Seoul, Korea, June 2008, Co-Chair of the Organizing Committee

PET 07 Hanoi, held at Vanderbilt University, June 2007, Co-Chair of the Organizing Committee

PET 06 Hanoi, held in Hanoi July 30-August 3<sup>rd</sup>, 2006, Co-Chair of the Organizing Committee

PET 05 Marseille (in conjunction with the 4<sup>th</sup> journees Louis Andre Gerard-Varet), held in Marseille June 16-18<sup>th</sup>, organizing committee.

PET 04 Peking, Funded in part by the World Bank, Warwick University and Vanderbilt University (and by the Guanghua School of Management of Peking University, Organizing Committee

Economic and Social Research Council (UK) Seminars Competition: Socio-Economic Dynamics. 2003-2005

British Academy Conference Grant July 2001.

British Academy Conference Grant July 2000

European Union: PET 2000, The 2<sup>nd</sup> International Conference on Public Economics, July 2000.

Funding from the Fields Institute, the SSHRC, and the Canadian Friends of the Hebrew University for a conference on "New Directions in Theory of Markets and Games", 1994,

Social Sciences and Humanities Research Council of Canada (SSHRC) funding for the 1994 NBER Decentralization Conference

## **RECENT PhD STUDENTS**

In effect, I shared the supervision of Alexander Kovalenkov (now at the *University of Glasgow*, with Salvador Barbera (Autonomous University of Barcelona).

Ben Zissimos, now at University of Bath (moving to University of Exeter). Thesis title: *Aspects of International Policy and Cooperation*

## **Myrna Wooders**

Edward Cartwright, first in a CNRS-supported international postdoctoral position at Paris 1 and then, since 2004, at the University of Kent. Thesis title: *Bounded rationality, social conformity and large games*. Author of *Behavioral Economics*, Published by Routledge.

Gianluigi Vernasca: University of Essex. "Topics in applied game theory and microeconomics".

Fabio Arico (St. Andrews University), "Matching models for technological change, growth and unemployment: A strategic approach with heterogeneous agents"

Valeska Groenert, Doctoral Fellow, Autonomous University of Barcelona

Yariv Fadlon, current student (Vanderbilt)

Sunghoon Hong, current student

Tamara Trafton, PhD completed 2010. Now at Qwest University.

### **Member of the Ph.D. Committee (Recent)**

Alper Nakkas, Current student, Vanderbilt

Jean-Francois Caullier, Current student, University of Saint-Louis, Brussels

Nizar Allouch, Paris1 Sorbonne-Pantheon 2001

Alexander Herzog-Stein, Warwick University 2007

Cavelle Creighton, University of Warwick 2000.

### **RECENT SELECTED CONFERENCE AND OTHER PRESENTATIONS**

"A strategic market game approach for the private provision of public goods, PET 11 Bloomington, June 2011.

"Share equilibrium in economies with local public goods," PET 10 Istanbul, June 2010.

"Share equilibrium in economies with local public goods," Coalition Theory Network, Marseilles, June 2010.

"Conformity and stereotyping in social groups," (with E. Cartwright), Workshop on Behavioral Economics, Stony Brook (New York, USA) July 2009.

"Dynamic club formation with coalitional deviations," (with T. Arnold). PET 09 Galway (Ireland) June 2009.

## **Myrna Wooders**

“Endogenous Network Dynamics ,” (with F. Page) XVIII European Workshop on General Equilibrium Theory (EWGET09).

“Conformity and stereotyping in social groups,” (with E. Cartwright), Society for the Advancement of Economic Theory (SAET) Ischia, Italy, Conference, July 2009.

“A Strategic model of club formation; Existence and characterization of equilibrium,” PET 08 Seoul (June 2008).

“A Strategic model of club formation; Existence and characterization of equilibrium,” PET Workshop on Leadership, Altruism and Social Organization, June 2008.

“Conformity, correlation and equity,” (with E. Cartwright), European Meetings of the Econometric Society, Budapest, August 2007.

“Conformity, correlation and equity,” (with E, Cartwright), PET 07 Vanderbilt, July 2007..

Society for the Advancement of Economic Theory Conference, June 2007

DIME Workshop on Networks Paris, (2008), invited speaker

"The Tiebout Hypothesis: On the Existence of Pareto Efficient Competitive Equilibrium," (with N. Allouch and J. Conley), University of Melbourne, Australia, September 2007, invited speaker.

The Tiebout Hypothesis: On the Existence of Pareto Efficient Competitive Equilibrium," (with N. Allouch and J. Conley), University of Queensland, Australia, September 2007.

“Conformity, correlation and equity,” (with Edward Cartwright), PET 07 Hanoi, July 2006.

“Conformity, correlation and equity,” (with Edward Cartwright), Stony Brook Game Theory International Conference, July (2006).

“Conformity, correlation and equity,” the Center for Rationality, Hebrew University, Jerusalem, March 2006, invited speaker.

“Conformity, correlation and equity,” the University of Indiana, Bloomington, March 2006, invited speaker.

“Strategic basins of attraction, the path-dominance core and network formation games,” (with F. Page), 11<sup>th</sup> Annual Coalition Theory Network (CTN) meeting, University of Warwick, January 2006, invited speaker.

“Strategic basins of attraction, the path-dominance core and network formation games,” (with F. Page), Department of Mathematics, University of Warwick, January 2006, invited speaker.

“Small group effectiveness,” presented at General Equilibrium in Rio, January 2006.

## **Myrna Wooders**

“On equilibrium in pure strategies in games with many players,” SAET conference, held in Vigo in July 2005.

“On equilibrium in pure strategies in games with many players” (with E. Cartwright) and “Market games, inequality and the equal treatment property of the core,” Conference on Uncertainty and Information in Economics, National University of Singapore, June 2005, invited speaker.

“The equal treatment property of the core of a large game,” Naval Postgraduate School. Monterey, January 2005, invited speaker.

“Behavioral conformity in games with many players,” ISER University of Osaka, June 2005, invited speaker.

“Behavioral conformity in games with many players,” Birmingham Workshop on Economic Theory, July 2004, invited speaker.

Stony Brook Workshop on Political Economy, 2004, invited speaker.

“On equilibrium in pure strategies in games with many players,” University of Venice conference on General Equilibrium, June 2004.

“Female competition, evolution, and the battle of the sexes,” Conference on *Socio-Economics, Networks and Markets*,” held at the University of Warwick in London, May 2005.

“Behavioral conformity in games with many players,” Society for Economic Design Conference, Mallorca, July 2004.

## **Selected Working Papers**

“Large games and competitive markets; Theory,” University of Bonn Sonderforschungsbereich 303 DP B-195. November 1991. Abstract: <http://www.wiwi.uni-bonn.de/sfb303/sonderforschungsbereich.eng.html>

“Large games and competitive markets; Applications,” University of Bonn Sonderforschungsbereich 303 DP B-196. November 1991. Abstract: <http://www.wiwi.uni-bonn.de/sfb303/sonderforschungsbereich.eng.html>

## **RECENT INTERDISCIPLINARY and SERVICE ACTIVITIES OUTSIDE VANDERBILT**

President, Association for Public Economic Theory, 2002-

Member of the Program Committee for the 15<sup>th</sup> Coalition Theory Network Workshop, June 17-18<sup>th</sup>, 2010, Marseille, France.

Co-Chair, PET 10 Istanbul (Association for Public Economic Theory conference), Istanbul, Turkey

## **Myrna Wooders**

Member of the Vanderbilt Economics Department Graduate Students Honors and Awards Committee, 2008-2010

Co-Chair, PET 09 Galway (Association for Public Economic Theory conference). Galway, Ireland

Co-Chair, PET 08 Seoul (Association for Public Economic Theory conference).

Member of the International Scientific Committee for the Society for the Advancement of Economic Theory Conference, Ischia, June 29-July 5, 2009.

Member of the Warwick Complexity Science Doctoral Training Centre. Advisory Committee 2007-

Co-Chair, PET 07 Vanderbilt (Association for Public Economic Theory conference), July 6th-9<sup>th</sup>, 2007.

Member of the Program Committee of the World Congress of the Game Theory Society, July 12-16, 2008 at Northwestern University.

Member of the Program Committee of the *International Conference on Game Theory and Management*, St. Petersburg, Russia, June 28-29, 2007.

Member of the Scientific Committee of the XVI European Workshop on General Equilibrium. June 9-10, 2007, University of Warwick, UK.

Local Coordinator of the Vanderbilt Node in the Coalition Theory Network

Advisory Scientific Expert for the European Science Foundation funded project, *Public Goods, Public Projects and Externalities*.

Organizer (with Amrita Dhillon) of the MIR@W workshop on *Coalition Theory and Networks*, held in the Department of Mathematics, University of Warwick 2006.

Organizer (with Amrita Dhillon) of the 11<sup>th</sup> annual workshop of the Coalition Theory Network, held at the University of Warwick, January 2006.

Member of the Program Committee (referee) for Theoretical and Applied Economics of the Econometric Society European Meetings, Vienna 2006.

Principal Investigator (one of six) on the European Union funded research project *Unifying Networks for Science and Society*, 2005-2008.

Leader of an ESRC Interdisciplinary Research Seminar Series (2002-2005) on *Social Dynamics*, involving mathematicians, psychologists, sociologists, and physicists, besides economists and game theorists. The final workshop in the series was held in London, May 9<sup>th</sup>-11<sup>th</sup>, 2005.

Organizer of a [MIR@W](#) (Mathematical Interdisciplinary Research at Warwick) day on in February 2003, on *Culture, Evolution and Memes*, with keynote speaker Susan Blackmore, psychologist and

## **Myrna Wooders**

author of *The Meme Machine*, and other speakers from psychology, sociology, mathematics and physics.

Organizer of a [MIR@W](#) day on *Networks in Application*, involving mathematicians, physicists, game theorists, and economists.

Organizer of a [MIR@W](#) day on *Bargaining*, November 2001, involving Mathematics and Economics.

Vice-President, Association for Public Economic Theory, 1999-2002

## **SERVICE TO VANDERBILT**

Chair of the Micro prelim committee, May 2011; Member of the Vanderbilt Economics Department Policy Evaluation and Planning Committee, 2010-2011; Chair of the Micro-prelim committee May 2010, Member of the Micro-prelim committee May 2006-2011 inclusive; Member of SARC, 2008-2009; Member of the Graduate Student Recruitment Committee; Member of the Graduate Awards Committee; Instructor for two semesters of Network Theory (no teaching credit) ; Honors Thesis Supervisor for one student (awarded the Departmental Prize for an outstanding thesis); Member of the Committee on Graduate Studies (2005)