

Curriculum Vitae - Yan Chen

CONTACT INFORMATION

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EDUCATION

Ph.D. Social Science 1995 California Institute of Technology
B.A. English 1988 Tsinghua University

DISSERTATION

A Theoretical Study of Political Institutions and Economic Policies.

Thesis Committee: Kim Border, John Ledyard (Chair), Peter Ordeshook, Thomas Palfrey

RESEARCH INTERESTS

Experimental Economics, Mechanism Design, Information Economics

CURRENT POSITIONS

2008 - present Professor, School of Information, University of Michigan
2008 - present Research Professor, Institute for Social Research, University of Michigan
2005 - present Associate Director, Smith Experimental Economics Research Center,
Shanghai Jiaotong University

PAST POSITIONS

2002 - 2007 Associate Professor, School of Information, University of Michigan
Winter/Spring 2005 Visiting Scholar, Haas School, University of California at Berkeley
2004 - 2008 Associate Research Professor, Institute for Social Research, University of Michigan
2001 - 2002 Fellow, Society of Scholars, University of Michigan Business School
1999 - 2004 Faculty Associate, Group Dynamics, ISR, University of Michigan
Spring 1997 Guest Professor of Economics, Universität Bonn
Spring/Summer 1996 Guest Professor of Economics, Universität Bonn
1994 - 1997 Interest Group Leader, Complex Systems, University of Michigan
1994 - 2001 Assistant Professor of Economics, University of Michigan
1989 - 1990 Translator, Chinese Aviation Museum

EDITORIAL POSITION

Associate Editor, *Management Science*, 2009 - present.
Co-Editor, *Economic Inquiry*, 2008- present.
Associate Editor, *Experimental Economics*, 2004 - present.

GRANTS, HONORS and AWARDS

National Science Foundation Grant, SES-0962492, "School Choice and College Admissions: Theory and Experiments." PI: Yan Chen, CMU PI: Onur Kesten, 2010 - 2013. UM Budget: \$233,468.

National Science Foundation Grant, SES-0755147, "REU Site: Incentive-Centered Design For Cyberinfrastructure." PI: Yan Chen, co-PI: Jeffrey MacKie-Mason, 2008 - 2011. Budget: \$286,743.

National Science Foundation Grant, DGE-0654014, "IGERT: Incentive-Centered Design For Information And Communication Systems." PI: Yan Chen (since July 1, 2008), co-PIs: Tilman Borgers, Daniel Grosu, Jeffrey MacKie-Mason, and Michael Wellman, 2007-2012. Budget: \$3,000,000.

National Science Foundation Grant, SES-0720943, "Collaborative Research: Social Identity, Mechanism Design and Equilibrium Selection." PI: Yan Chen, co-PI: Margaret Shih, 2007-2010. UM Budget: \$232,363 (Total budget: \$360,000).

National Science Foundation Grant, SBE-0524919, "DHB: Games Theory, Culture and Institutional Path Dependence." PI: Jenna Bednar, co-PI: Yan Chen and Scott Page, 2006-2007. Budget: \$125,000.

National Science Foundation Grant, IIS-0456022, "Incentives for Data Producers to Create 'Archive-ready' Data." PI: Margaret Hedstrom, co-PIs: Yan Chen and Myron Gutmann, 2005-2008. Budget: \$449,386.

National Science Foundation Grant, SES-0339587, "EITM: Matching: An Experimental Study," PI, 2004-2007. Budget: \$227,800.

National Science Foundation Grant, IIS-0325837, "ITR: Collaborative Research: Designing On-Line Communities to Enhance Participation - Bridging Theory and Practice," PI: Paul Resnick, co-PI: Yan Chen, 2003-2008. UM Budget: \$510,232.

National Science Foundation Grant, SES-0079001, "An Experimental Study of Strategic Complementarity, Asynchronicity and Mechanism Design," PI, 2000 - 2003. Budget: \$200,730.

National Science Foundation Grant, SBR-9805586, "POWRE: Supermodularity of Nash-Efficient Public Goods Mechanisms: Theory and Experiments," PI, 1998 - 1999. Budget: \$50,000.

Career Development Award, University of Michigan, 1999

Elsie G. Marshall Junior Faculty Development Award, Department of Economics, University of Michigan, 1999

Joseph A. Livingston Junior Faculty Award, Department of Economics, University of Michigan, 1998

Rackham Grant and Fellowship, University of Michigan, 1996 - 1997

John Randolph Haynes and Dora Haynes Dissertation Fellowship, CalTech, 1993 - 1994

Anna and James McDonnell Memorial Scholarship, CalTech, 1992 - 1993

REFEREED JOURNAL ARTICLES

1. Chen, Yan and Roy Chen. "The Potential of Social Identity for Equilibrium Selection." *American Economic Review* forthcoming.
2. Takeuchi, Kan, John C. Lin, Yan Chen and Thomas A. Finholt. "Scheduling with package auctions." *Experimental Economics* 13: 476 - 499. December, 2010.

3. Chen, Yan, Maxwell Harper, Joseph Konstan and Sherry Xin Li. "Social Comparisons and Contributions to Online Communities: A Field Experiment at MovieLens." *American Economic Review* 100(4): 1358-98. September 2010.
4. Chen, Yan, Teck-Hua Ho and Yong-Mi Kim. "Knowledge Market Design: A Field Experiment at Google Answers." *Journal of Public Economic Theory* 12 (4): 641-664, August 2010.
5. Chen, Yan and Kan Takeuchi. "Multi-Object Auctions with Package Bidding: An Experimental Comparison of Vickrey and iBEA," *Games and Economic Behavior* 68 (2): 557 - 579. March 2010.
6. Chen, Yan and Sherry Xin Li. "Group Identity and Social Preference." *American Economic Review* 99 (1): 431-457. March 2009.
Reprinted in *Recent Developments in Public Finance*, edited by Vito Tanzi and Howell H. Zee. Part of *The International Library of Critical Writings in Economics*, series editor: Mark Blaug.
7. Chen, Yan, Peter Katuščák and Emre Ozdenoren. "Sealed Bid Auctions with Ambiguity: Theory and Experiments." *Journal of Economic Theory* 136 (2007): 513-535.
8. Chen, Yan, Laura Razzolini and Theodore Turocy. "Congestion and Cost Allocation in Distributed Networks: An Experimental Study." *Economic Theory* 33 (2007): 121-143.
9. Chen, Yan and Tayfun Sönmez. "School Choice: An Experimental Study." *Journal of Economic Theory* 127 (2006): 202-231.
10. Chen, Yan, Xin Li and Jeffrey MacKie-Mason. "Online Fund-raising Mechanisms: A Field Experiment." *The B.E. Journal of Economic Analysis & Policy* vol. 5, Iss. 2 (Contributions), Article 4 (March 2006).
11. Chen, Yan and Robert Gazzale. "When Does Learning in Games Generates Convergence to Nash Equilibrium? The Role of Supermodularity in an Experimental Setting." *American Economic Review* vol. 94, No. 5 (December 2004): 1505-1535.
12. Chen, Yan and Tayfun Sönmez. "An Experimental Study of House Allocation Mechanisms." *Economics Letters* vol. 83, Issue 1 (April 2004): 137-140.
13. Chen, Yan. "An Experimental Study of the Serial and Average Cost Pricing Mechanisms." *Journal of Public Economics* vol. 87, Issues 9-10 (September 2003): 2305-2335.
14. Chen, Yan and Yuri Khoroshilov. "Learning under Limited Information." *Games and Economic Behavior* vol. 44 (July 2003): 1-25.
15. Chen, Yan and Tayfun Sönmez. "Improving Efficiency of On-Campus Housing: An Experimental Study." *American Economic Review* vol. 92, no. 5 (December, 2002): 1669-1686.
16. Chen, Yan. "A Family of Supermodular Nash Mechanisms Implementing Lindahl Allocations." *Economic Theory* vol. 19, no. 4 (June 2002): 773-790.
17. Chen, Yan. "Electoral Systems, Legislative Process and Income Taxation." *Journal of Public Economic Theory* vol. 2, no. 1 (2000): 71-100.
18. Chen, Yan and Peter C. Ordeshook. "Veto Games: Spatial Committees Under Unanimity Rule." *Public Choice* vol. 97, no. 4 (1998): 617-643.

19. Chen, Yan and Fang-Fang Tang. "Learning and Incentive-Compatible Mechanisms for Public Goods Provision: An Experimental Study." *Journal of Political Economy* vol. 106, no. 3 (June 1998): 633-662.
20. Chen, Yan and Charles R. Plott. "The Groves-Ledyard Mechanism: An Experimental Study of Institutional Design." *Journal of Public Economics* vol. 59, Issue 3 (March 1996): 335-364.
Reprinted in *Experiments in Environmental Economics* vol. I and II, edited by Jason F. Shogren. Part of *The International Library of Environmental Economics and Policy*, overall general editors of the series, Tom Tietenberg and Kathy Segerson.
21. Chen, Yan. "The Optimal Choice of Privatizing State-Owned Enterprises: A Political Economic Model," *Public Choice* vol. 86, no. 3-4 (1996): 223-245.
22. Chen, Yan and Peter C. Ordeshook. "Constitutional Secession Clauses." *Constitutional Political Economy* vol. 5, no. 1 (1994): 45-60.

REFEREED CONFERENCE PUBLICATIONS (Computer Science)

23. Jeon, Grace YoungJoo, Yong-Mi Kim and Yan Chen. "Re-examining Price as a Predictor of Answer Quality in an Online Q&A Site." *Proceedings of the 28th International Conference on Human Factors in Computing Systems 2010 (CHI 2010, acceptance rate 22%), Atlanta, Georgia, USA. April 10 - 15, 2010. Pages: 325-328.*
24. Harper, Maxwell, Xin Li, Yan Chen and Joseph Konstan. "Social Comparisons to Motivate Contributions to an Online Community." *Persuasive 2007: 2nd International Conference on Persuasive Technology, April 26-27, 2007. Stanford University, Palo Alto, California. (Acceptance rate 40%)*
25. Harper, Maxwell, Xin Li, Yan Chen and Joseph Konstan. "An Economic Model of User Rating in an Online Recommender System." *User Modeling 2005: 10th International Conference, UM 2005, Edinburgh, Scotland, UK, July 24-29, 2005. (Acceptance rate 21%)*
Lecture Notes in Computer Science Vol. 3538. Publisher: Springer Berlin / Heidelberg
ISSN: 0302-9743. Proceedings Editors: Liliana Ardissono, Paul Brna, Antonija Mitrovic.
Chapter: p. 307.

BOOK CHAPTERS

26. Chen, Yan and John O. Ledyard. "Mechanism Design Experiments." In *The New Palgrave Dictionary of Economics*, Second Edition, 2008, Edited by Steven N. Durlauf and Lawrence E. Blume. London: Macmillan.
27. Chen, Yan. "Incentive-compatible Mechanisms for Pure Public Goods: A Survey of Experimental Research." In: C.R. Plott and V.L. Smith, editors, *Handbook of Experimental Economics Results*, Volume 1. Amsterdam: North-Holland, 2008, p. 625 – 643.
28. Chen, Yan. "Dynamic Stability of Nash-Efficient Public Goods Mechanisms: Reconciling Theory with Experiments." *Experimental Business Research*, VOL II., Zwick, Rami and Amnon Rapoport (Eds.), Kluwer Academic Publishers: Norwell, MA and Dordrecht, The Netherlands: 2005.

RESEARCH PAPERS

1. Bednar, Jenna, Yan Chen, Tracy Xiao Liu and Scott Page. “Behavioral Spillovers and Cognitive Load in Multiple Games: An Experimental Study.” Under 2nd-round revision for resubmission to *Games and Economic Behavior*.
2. Chen, Yan, Ernst Fehr, Urs Fischbacher and Peter Morgan. “Matching and Segregation: An Experimental Study.” Under revision for resubmission to *Games and Economic Behavior*.
3. Chen, Yan, Peter Katusčák and Emre Ozdenoren. “Why Can’t a Woman Bid More Like a Man?” Under revision for resubmission to *Games and Economic Behavior*.
4. Chen, Yan, Grace YoungJoo Jeon and Yong-Mi Kim. “A Day without a Search Engine: An Experimental Study of Online and Offline Search.” Under review, 2011.
5. Liu, Yang, Roy Chen, Yan Chen, Qiaozhu Mei and Suzy Salib. “I Loan Because...: Understanding Motivations for Pro-Social Lending.” Under review, 2011.
6. Chen, Yan, Sherry Xin Li, Tracy Xiao Liu and Margaret Shih. “Which Hat to Wear? Impact of Natural Identities on Coordination and Cooperation.” Manuscript, 2011.
7. Liu, Tracy Xiao, Jiang Yang, Lada Adamic and Yan Chen. “Crowdsourcing with All-Pay Contests: A Field Experiment on Taskcn.” Manuscript, 2011.
8. Chen, Yan and Onur Kesten. “From Boston to Shanghai to Deferred Acceptance: Theory and Experiments on a Family of School Choice Mechanisms.” Manuscript, 2011.
9. Chen, Yan and Sherry Xin Li. “Gender, Group Identity and Social Preferences.” Manuscript, 2009.
10. Chen, Yan and Joseph Konstan. “The Anatomy of an Online Field Experiment.” Manuscript, 2008. Accepted for presentation at the Third International Conference on e-Social Science, October 7-9, 2007, Ann Arbor, Michigan.
11. Chen, Yan, Suzhou Huang and Xia Zhang. “Optimal Pricing Strategies for On-line vs. Off-line Car Sales.” Manuscript, 2006.

INVITED PLENARY TALKS

2010: Asia-Pacific Economic Science Association Meetings, Melbourne

2010: 3rd Maastricht Behavioral and Experimental Economics Symposium, Maastricht

2010: Sino-German Workshop on Advanced Topics in Experimental and Behavioral Economics, Chengdu

2008: International Economic Science Association Meetings, Pasadena

INVITED SEMINARS

2011: Columbia University, Florida State University, Arizona, UCSB

2010: University of New South Wales, Virginia Commonwealth University, Xian Jiaotong University, Ohio State, UCSD

2009: National Taiwan University, Academia Sinica, Georgia State University

2008: UT-Dallas, National University of Singapore

2007: Pittsburgh, Edinburgh, Innsbruck

2006: NYU, Hawaii, Williams College, Simon Fraser, UC Davis, Yahoo! Research

2005: UCSD, UCSB, Penn State

2004: George Mason, Ohio State, Simon Fraser, UBC

Selected seminars prior to 2004:

Bonn, Bielefeld, Caltech, Case Western, Harvard, Minnesota, Mississippi, Pittsburgh, Purdue, Rutgers, Saarland, St. Galen, Texas A&M, UCSD, Wisconsin, Washington University at St. Louis, Zürich

TEACHING EXPERIENCE

Doctoral Foundations (graduate)

Matching Mechanisms (graduate, 7-week course)

User-Generated Content (graduate, 7-week course)

Microeconomics for Information Professionals (graduate, 7-week course)

Game Theory (graduate, 7-week course)

Experimental Methods (graduate)

Choice and Learning (graduate)

Advanced Topics in Theory - Positive Political Economy (graduate)

Government Expenditure (graduate)

Positive Political Economy (undergraduate)

Intermediate Microeconomics (undergraduate sessions)

Experimental Economics (undergraduate)

INTERNAL SERVICE

University:

2009-2010 Barbour Fellowship Committee

2007-2008 International Council

School & Departmental

2010-2011 Doctoral Committee, Faculty Search Committee, Director of STIET and SI REU Site

2009-2010 Doctoral Committee, Director of STIET and SI REU Site

2008-2009 Dean's Advisory Committee, MSI Admissions Committee, ICD Faculty Coordinator, Director of STIET and SI REU Site

2007-2008 MSI Admissions Committee, ICD and IEMP Faculty Coordinator

2006-2007 Doctoral Committee, Dean's Advisory Committee, IEMP Faculty Coordinator

2005-2006 Doctoral Committee, Research Committee

2004-2005 Doctoral Committee, Master Thesis Committee

2003-2004 Curriculum Committee, IEMP Faculty Coordinator

2002-2003 Curriculum Committee

2000-2001 Graduate Admissions Committee (Economics)

1999-2000 Graduate Program Committee (Economics)

1998-1999 Graduate Admissions Committee (Economics)

1997-1998 Ad hoc Reading Committee (Economics)

1996-1997 Executive Committee, Graduate Program Committee (Economics)

1995-1996 Graduate Program Committee (Economics)

1994-1995 Undergraduate Program Committee, Commencement Marshal (Economics)

EXTERNAL SERVICE

- Program Co-Chair: ACM-Electronic Commerce, 2011
- Senior Program Committee: ACM-Electronic Commerce, 2010
- Program Committee: ACM-Electronic Commerce, 2009
- General Conference Chair and Program Committee Chair: The 3rd Asia-Pacific Regional Meeting of the Economic Science Association, August 3-5, 2007, Shanghai.
- Executive Committee and Theory Section Head: Economic Science Association, 2006 - 2009.
- Program Committee: ACM-Electronic Commerce, 2006
- Reviewer: National Science Foundation, SSHRC
- Referee for
 - *American Economic Review*: Excellence in Refereeing Award, 2008
 - *American Political Science Review*
 - *Econometrica*
 - *Economic Inquiry*
 - *Economic Journal*
 - *Economic Theory*
 - *Experimental Economics*
 - *Games and Economic Behavior*

- *Information Systems Research*
 - *International Journal of Game Theory*
 - *International Journal of Industrial Organization*
 - *Journal of Behavioral Decision Making*
 - *Journal of Economic Behavior and Organization*
 - *Journal of Economic Theory*
 - *Journal of Labor Economics*
 - *Journal of Mathematical Psychology*
 - *Journal of Political Economy*
 - *Journal of Public Economic Theory*
 - *Journal of Public Economics*
 - *Management Science*
 - *National Tax Journal*
 - *Proceedings of the National Academy of Sciences*
 - *Quarterly Journal of Economics*
 - *Science*
 - *Review of Economic Design*
 - *Review of Economic Studies*
- Invited Participant
 - CeMENT: NSF Workshop at ASSA meetings, Mentor for Behavioral/Experimental Group, 2006
 - Stanford Institute for Theoretical Economics summer workshop, 2005, 2004, 1995
 - NSF Workshop in Mathematical Models of Individual and Public Choice (UC-Irvine), 2000
 - CCOFFE: NSF Workshop at ASSA Meetings, 1998
 - Bonn Workshop on Bounded Rationality, 1997
 - Northwestern MEDS Summer Workshop on Analysis of Political Institutions, 1995
 - Member: the American Economic Association, Econometric Society, Economic Science Association

ADVISING AND DISSERTATION COMMITTEES

Name	Department	Degree	Role	Current Position
Ming Jiang	Information		advisor	
Roy Chen	Economics		advisor	
Tracy Xiao Liu	Information		advisor	
John Lin	Information	2011	advisor	University of Southern California
Lekha Yadav	Natural Resources	2011	member	
James Leady	Economics	2011	co-advisor	University of Notre Dame
Anna Osepayshvili	Information	2010	member	Google
Benjamin Chiao	Information	2010	member	Peking University
Tapan Khopkar	Information	2008	member	
Kan Takeuchi	Economics	2007	co-advisor	Hitotsubashi University
Sherry Xin Li	Economics	2006	member	University of Texas at Dallas
Ning Nan	BIT	2006	member	University of Oklahoma
Hong Yuan	Marketing	2005	member	UIUC
Yuri Khoroshilov	Finance	2005	member	University of Ottawa
Peter Katuscak	Economics	2004	member	Charles University
Robert Gazzale	Economics	2004	member	Williams College
Jay Wang	Finance	2004	member	UIUC
Anna Dodonova	Economics	2002	member	University of Ottawa
Qichun Xu	Physics	2001	member	University of Michigan
Qi Chen	Economics	2000	member	Massachusetts Maritime Academy
Carol McAusland	Economics	1999	member	University of Maryland
Junling Hu	EECS	1999	member	eBay