

# Biung-Ghi Ju, curriculum vitae

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2nd September 2017

curriculum vitae

## BIUNG-GHI JU

*Professor, Department of Economics*

*Seoul National University, Department of Economics*

*Director, Center for Distributive Justice, Seoul National University*

*Editor, Journal of Institutional and Theoretical Economics*

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## RESEARCH INTEREST

Economic Theory, Microeconomics, Public Finance, Political Economy, Mechanism Design

## TEACHING INTEREST

Microeconomic Theory, Social Choice Theory, Public Finance, Game Theory, General Equilibrium, Welfare Economics, Political Economy, Mathematical Economics

## EDUCATION

**1997-2001:** University of Rochester, Department of Economics

Ph.D., Economics, University of Rochester, October 2001

M.A., Economics, University of Rochester, June 1999

**1989-1995:** Seoul National University, Department of Economics

M.A., Economics, Seoul National University, February 1995

B.A., Economics, Seoul National University, February 1993

## ACADEMIC APPOINTMENT

**2013.3-Present:** Seoul National University, Department of Economics  
Professor

**2010.9-2013.2:** Seoul National University, Department of Economics  
Associate Professor

**2008.3-2009.8:** Korea University, Department of Economics  
Associate Professor

**2006-2008.2:** Korea University, Department of Economics  
Assistant Professor

**2001-2006:** The University of Kansas, Department of Economics  
Assistant Professor and Charles W. Oswald Faculty Scholar

RESEARCH

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## Working Papers

- Identifying Groups in a Boolean Algebra, 2014, with Wonki Jo Cho.
- License Auctions and Market Structure: Equilibrium Characterization, 2012, with Seung Han Yoo.
- Understanding Individual Sense of Justice Through A Simple Experiment, November 2011.
- Rational Tax Schedules under a Veil of Ignorance, 2013, with Juan D. Moreno-Terner.
- Nash Implementation under Range-Restrictions, July 2001 (Revision: March 2005)
- Nash Implementation and Opportunity Equilibrium, July 2001 (Revision: May 2005)
- Information Goods Exchange: Fairness and Core, 2007, with Sang-Young Sonn
- Avoiding Donation Paradox in Taxation, 2005, with Juan D. Moreno-Terner
- Reduction-consistency and the Condorcet principle in collective choice problems, 2005, with Yan-An Hwang and Chun-Hsien Yeh
- Claims Market and Bankruptcy Rules, 2005
- Nash Implementation of Equitable Social Choice Rules in Economic Environment, March 2000

## Published Papers

1. 일자리제공형 사회적기업과 사회적 성과 지원의 효과  
An employment model of social enterprises and the effect of government subsidy [in Korean] 홍현우 공저 (with Hyunwoo Hong)  
*분석패널*, 제23권 제3호, Dec. 2017.
2. 한국사회의 소득기회불평등에 대한 연구  
Inequality of Opportunities for income acquisition in Korea [in Korean],  
오성재 공저 (with Sungjae Oh)  
*재정학연구*, 제10권 제3호, 1-30, Sep. 2017 (*Korean Journal of Public Finance*, 2017)
3. Entitlement theory of justice and end-state fairness in the allocation of goods,  
[\[https://dx.doi.org/10.1017/S0266267117000232\]](https://dx.doi.org/10.1017/S0266267117000232)  
with Juan D. Moreno-Terner  
*Economics and Philosophy*, forthcoming, 2018.
4. Fair Allocation of Disputed Properties [<http://dx.doi.org/10.1111/iere.12251>] ,  
with Juan D. Moreno-Terner  
*International Economic Review*, 58, 1279-130, Nov. 2017.
5. Multinary Group Identification  
[\[http://econtheory.org/ojs/index.php/te/article/viewForthcomingFile/2156/14919/1\]](http://econtheory.org/ojs/index.php/te/article/viewForthcomingFile/2156/14919/1) ,  
with Wonki Jo Cho  
*Theoretical Economics*, 12, 513-531, May, 2017.
6. Resolute Majority Rules [<http://dx.doi.org/10.1007/s11238-016-9563-y>] ,  
with Hyewon Jeong  
*Theory and Decision*, 82(1), 31-39, Jan., 2017.
7. 가구환경과 교육성취의 기회: 대학수학능력시험 성적을 이용한 연구,  
Equality Opportunity for Educational Achievement in Korea [in Korean],  
오성재, 강창희, 정혜원 공저 (with Sungjae Oh, Chanhui Kang, Hyewon Jeong)  
*재정학연구* 제88권 제4호 1-32 (*Korean Journal of Public Finance*, Vol.88, 4, 1-32)
8. Hierarchical Outcomes and Collusion Neutrality [<http://dx.doi.org/10.1016/j.ejor.2016.03.011>] ,

- European Journal of Operational Research*. 254(1), 179-187, Oct. 2016
9. 사회적 기업의 경제학적 이해: 사회서비스 제공형  
An economic analysis of social enterprise [in Korean],  
홍현우와 공저(with Hyunwoo Hong)  
*재정학연구*, 제88권 제1호 (*Korean Journal of Public Finance*, Vol.88, 1), 2016, Feb.
  10. Priority, Solidarity, and Egalitarianism [<http://dx.doi.org/10.1007/s00355-014-0796-9>]  
with Youngsub Chun and Inkee Jang  
*Social Choice and Welfare*, 43(3), 577-589, 2014.
  11. 아담스미스의 생애와 사상,  
Adam Smith's Life and Thoughts [in Korean]  
*철학과현실*, 2013년 여름 호(통권 제97호), 145-160 (*Philosophy and Reality*, 97, 145-160)
  12. Coalitional Manipulation on Networks [<http://dx.doi.org/10.1016/j.jet.2012.07.002>],  
*Journal of Economic Theory*, 148(2), 627-662, March 2013.
  13. On the Characterization of Liberalism by Samet and Schmeidler  
[<http://dx.doi.org/10.1007/s00355-011-0606-6>]  
*Social Choice and Welfare* 40(2), 359-366, February, 2013.
  14. Nash Implementation under Allocative Constraints,  
*Korean Economic Journal*, 51(2), 367-377, December, 2012.
  15. Collectively Rational Voting Rules For Simple Preferences  
[<http://dx.doi.org/10.1016/j.jmateco.2011.01.005>],  
*Journal of Mathematical Economics*, 47(2), 143-149, March, 2011.
  16. Progressive and Merging-Proof Taxation [<http://dx.doi.org/10.1007/s00182-010-0228-8>],  
with Juan D. Moreno-Ternero,  
*International Journal of Game Theory*, 40(1):43-62, 2011, March.
  17. Collective Choice for Simple Preferences,  
*Handbook on Approval Voting* [<http://www.springer.com/economics/economic+theory/book/978-3-642-02838-0>], editors Jean-Francois Laslier and M. Remzi Sanver, Springer, October, 2010, Springer.
  18. Individual Powers and Social Consent: An Axiomatic Approach  
[<http://dx.doi.org/10.1007/s00355-009-0418-0>],  
*Social Choice and Welfare*, 34(4): 571-596, 2010, April.
  19. Strategy-Proof Risk Sharing for Uncertainty Averse Preferences  
[[http://es.re.kr/eng/inc/download.php?name=up\\_70582\\_JETEM\\_19\\_4\\_03.pdf](http://es.re.kr/eng/inc/download.php?name=up_70582_JETEM_19_4_03.pdf)],  
*Journal of Economic Theory and Econometrics*, 19(4): 251-260, 2009, December.
  20. 정보재와 공정배분,  
Information Goods and Fair Allocation [in Korean],  
공저자 손상영 (with Sang-Young Sonn),  
*경제학연구*, 2008년 3월, (*Kyeong-Jae-Hak-Yeon-Gu*, 2008, March).
  21. On the Equivalence between Progressive Taxation and Inequality Reduction  
[<http://dx.doi.org/10.1007/s00355-007-0254-z>],  
with Juan D. Moreno-Ternero,  
*Social Choice and Welfare*, 30(4): 561-569, 2008 May.
  22. Efficiency and Consistency for Locating Multiple Public Facilities  
[<http://dx.doi.org/10.1016/j.jet.2007.03.006>],  
*Journal of Economic Theory*, 138: 165-183, 2008 January.
  23. Coalitionally Strategy-Proof Voting Rules for Separable Weak Orderings  
[[http://es.re.kr/eng/sub03/view.htm?year=&month=&vol=&no=&article\\_idx=4](http://es.re.kr/eng/sub03/view.htm?year=&month=&vol=&no=&article_idx=4)],  
*Journal of Economic Theory and Econometrics*, 18(4): 43-51, 2007 December.
  24. Non-Manipulable Division Rules in Claim Problems and Generalizations  
[<http://dx.doi.org/10.1016/j.jmateco.2007.08.003>],  
*Journal of Mathematical Economics*, 45(4): 627-644, 2007 August.

- with Eiichi Miyagawa and Toyotaka Sakai,  
*Journal of Economic Theory*, 132: 1-26, 2007 January [Lead Article of the Volume].
25. [Unanimity and Resource Monotonicity](http://dx.doi.org/10.1007/s11238-005-0576-1) [<http://dx.doi.org/10.1007/s11238-005-0576-1>],  
*Theory and Decision*, 59: 1-17, 2005 [Lead Article of the Volume].
  26. [A Characterization of Plurality-Like Decision Based on Non-Manipulability, Restricted Efficiency, and Anonymity](http://dx.doi.org/10.1007/s00182-005-0198-4) [<http://dx.doi.org/10.1007/s00182-005-0198-4>],  
*International Journal of Game Theory*, 33: 335-354, 2005.
  27. [An Efficiency Characterization of Plurality Social Choice on Simple Preference Domains](http://dx.doi.org/10.1007/s00199-004-0533-1) [<http://dx.doi.org/10.1007/s00199-004-0533-1>],  
*Economic Theory*, 26(1): 115-128, 2005.
  28. [Strategy-Proof Risk Sharing](http://dx.doi.org/10.1016/j.geb.2004.02.004) [<http://dx.doi.org/10.1016/j.geb.2004.02.004>],  
*Games and Economic Behavior*, 50(2): 225-254, 2005.
  29. [Continuous Selections from the Pareto Correspondence and Non-Manipulability in Exchange Economies](http://dx.doi.org/10.1016/S0304-4068%2803%2900076-4) [<http://dx.doi.org/10.1016/S0304-4068%2803%2900076-4>],  
*Journal of Mathematical Economics*, 40(5): 573-592, 2004.
  30. [Strategy-Proofness versus Efficiency in Exchange Economies: General Domain Properties and Applications](http://dx.doi.org/10.1007/s00355-003-0202-5) [<http://dx.doi.org/10.1007/s00355-003-0202-5>],  
*Social Choice and Welfare*, 21(1): 73-93, 2003.
  31. [Manipulation via Merging and Splitting in Claims Problems](http://dx.doi.org/10.1007/s10058-003-0097-8) [<http://dx.doi.org/10.1007/s10058-003-0097-8>],  
*Review of Economic Design*, 8: 205-215, 2003.
  32. [A Characterization of Strategy-Proof Voting Rules for Separable Weak Orderings](http://dx.doi.org/10.1007/s00355-003-0214-1) [<http://dx.doi.org/10.1007/s00355-003-0214-1>],  
*Social Choice and Welfare*, 21(3): 469-499, 2003.

### Thesis

- *Essays in Mechanism Design*, Ph.D. Dissertation, University of Rochester, 2001.
- *Morals, Rationality and Prisoner's Dilemma*, MA Thesis, Seoul National University, 1995 [in Korean].

### EDITORIAL SERVICE

Editor of the *Journal of Institutional and Theoretical Economics* since April 2011.

Editor of the *Korean Economic Journal* September 2012~August 2014.

Board of Editors of *Seoul Journal of Economics* since March 2011.

Board of Editor of *Korean Economic Review* since June 2007.

Associate Editor of *Korea and World Economy* since January 2011.

Co-editor of *Journal of Economic Theory and Econometrics*, September 2007 ~ August 2011

### REFEREING EXPERIENCE

Economic Letters, Economic Theory, Games and Economic Behavior,  
 International Journal of Game Theory, International Game Theory Review,  
 Journal of Economic Theory, Journal of Mathematical Economics,  
 Journal of Public Economic Theory, Mathematical Social Science,  
 Mathematics of Operations Research, Quarterly Journal of Business and Economics,  
 Rationality and Society, Review of Economic Design, Social Choice and Welfare,  
 Southern Economic Journal  
 National Science Foundation (NSF)

### MEMBERSHIPS

The Econometric Society

The Society of Social Choice and Welfare

Game Theory Society  
 Korean Econometric Society  
 Korean Economic Association  
 Korean Public Finance Society  
 Reviewer for Mathematical Reviews since May 2006

### RECENT ACTIVITIES

- [국제학술대회 조직] Workshop on Distributive Justice, Institutions and Behavior, 2014-1-17~18, Seoul National University, Center for Distributive Justice.
- [국제학술대회 조직] Japan-Korea Joint Workshop on Markets, Fairness, and Cooperation, 5월 31일(금)~6월 1일(토), 일본 와세다대학교 와세다캠퍼스 26번 건물 402호, 주최: Waseda University, Center for Distributive Justice in SNU, National Research Foundation of Korea (SSK-B00077).
- [국제학술대회 참가] Public Economic Theory Conference 2013, 7월 5일~7일, 포르투갈, 리스본. 주최: Association of Public Economic Theory. 7월 5일 논문 발표 및 세션 좌장. 논문 제목: Fair allocation of disputed properties.
- [국제학술대회 참가] 13th SAET Conference on current trends in Economics, 7월 22일~27일, MINES ParisTech, Paris, France. 주최: Society for Advances in Economic Theory. 7월 24일 논문 발표 및 좌장. 논문 제목: Choosing tax schemes under a veil of ignorance.
- [국제학술대회 참가] Asian Meeting of the Econometric Society, 8월 2일~4일, Singapore, National University of Singapore, 주최: Econometric Society. 8월 3일 논문발표. 제목: Hierarchical Outcomes and collusion neutrality.
- [초청 강연/세미나] Seminar at Shanghai University of Finance and Economics. November 13, 2013. Title: "Fair allocation of disputed properties".
- [초청 강연/세미나] Lecture at Henan University, November 27. Title: Distributive Justice and Social Choice Theory.
- [초청 강연/세미나] Seminar at Henan University, November 29. Title: "Fair allocation of disputed properties".

### INTERNATIONAL CONFERENCES PARTICIPATION

Joint Conference in Game Theory and Decentralization, Academia Sinica, IEAS, October 19-22, 2007 (Invited)

Summer School on Political Economy and Social Choice, University of Malaga, June 9-12, 2007 (Invited)

Summer School on "Economic Analysis of Heterogeneity in Social Organizations", CORE, June 4-7, 2007 (Invited)

North American Summer Meetings of the Econometric Society, Duke University, June 21-24, 2007

GETA: General Equilibrium Theory Asian Conference, IEAS, Academia Sinica, June 30-July 1, 2006 (Invited)

Resource Allocation and Game Theory Conference in the Wallis Institute of Political Economy, University of Rochester, April 21-22, 2006 (Invited)

NBER/NSF/CEME Conference on General Equilibrium Theory, The University of Kansas, Lawrence, KS, October 6-8, 2006

The Program Chair of Midwest Economic Theory Meeting, The University of Kansas, Lawrence, KS, October 2005

Pan-Pacific Game Theory Conference, IEAS, Academia Sinica, Taiwan, November 24-26, 2005 (Invited)

Game Theory and Social Choice Mini Conference in the Wallis Institute of Political Economy, University of Rochester, April 16-17, 2004 (Invited)

Asian Decentralization Conference, Seoul, Korea, May 2005

Game Theory and Social Choice Mini Conference in the Wallis Institute of Political Economy, University of Rochester, April 16-17, 2004 (Invited)

Midwest Economic Theory Meeting, Vanderbilt University, Nashville, TN, April, 2005

Midwest Economic Theory Meeting, Washington University, Saint Louis, November 5-7, 2004

The Society of Social Choice and Welfare: the Seventh World Conference, Osaka University, July 21-25, 2004

The Econometric Society, Far Eastern Meeting, Yonsei University, Seoul, Korea, June 29 - July 3, 2004

Miniconference in the Wallis Institute of Political Economy, University of Rochester, April 25-26, 2003 (Invited)

The Econometric Society, Winter Meeting, Washington, D.C., January, 2003

Midwest Economic Theory Meeting, University of Notre Dame, October 18-20, 2002

The Society of Social Choice and Welfare: the Sixth World Conference, California Institute of Technology, July 11-14, 2002

The Society for Economic Design: SED 2002, New York, July 6-9, 2002

Midwest Economic Theory Meeting, the Kellogg Graduate School, Northwestern University, May 3-5, 2002

The 13th International Conference on Game Theory, SUNY at Stony Brook, July 2001

The Society of Social Choice and Welfare: the Fifth World Conference, Alicante, Spain, June 2000

Midwest Economic Theory Meeting, University of Minnesota, Minneapolis, October 2000

#### **KOREAN CONFERENCES PARTICIPATION**

Korean Econometric Society Summer Meeting, June 2008. Program organizer.

Korean Society of Industrial Organization, Summer Meeting, June 2008. Program organizer.

Korean Society of Public Finance, October 6, 2007

Korean Econometric Society Meeting, February, 2007

#### **INVITED TALKS**

University of Hong Kong, December 21, 2007

National University of Singapore, Department of Economics, November 16, 2007

POSTECH, Department of Mathematics, May 18, 2007

Hallym University, May 3, 2007

Seoul National University, April 12, 2007, in the seminar series in memory of T.S. Kim

Kookmin University, November 3, 2006

Chonnam National University, September 15, 2006

IEAS, Academia Sinica, November 23, 2005

Vanderbilt University, Department of Economics, October 28, 2005

Concordia University, Department of Economics, October 21, 2005

HEC Montreal, October 20, 2005

Sung Kyun Kwan University, Department of Economics, June, 2005

Yonsei University, Department of Economics, May 2005

University of Montreal, Department of Economics, November, 2003

Seoul National University, June, 2003

Iowa State University, Department of Economics, November 15, 2002

University of Nebraska at Lincoln, Department of Economics, April 18, 2002

State University of New York at Albany, March 15, 2002

University of Windsor, Department of Economics, April 20, 2001

#### **VISITING**

Universidad Pablo de Olavide, Sevilla, Spain, April 2010

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CORE, 2007

Academia Sinica, IEAS, June 28-July 5, 2006

Univeristy of Rochester, Department of Economics, Feb. 8-14, 2006

Academia Sinica, IEAS, November 22-27, 2005

### RESEARCH FUNDS/AWARDS

김태성학술상 (T.S. Kim Research Award), 2009, June.

Korea Research Foundation, 2008/July~2009/June.

Korea Research Foundation, 2006/Oct.~2007/Oct.

The University of Kansas, Travel Support: March 2006

The University of Kansas, General Research Fund: May 2003 - May 2005

1997-2001 Graduate Fellowship, University of Rochester

1997-2001 Tuition Scholarship, University of Rochester

1998, 1999 University of Rochester Summer Research Grants

### TEACHING EXPERIENCE

#### Graduate Courses

Information Economics, 2006 Fall, Korea University

Public Economics I, 2007 Fall, 2006 Spring, Korea University

Public Economics II, 2006 Fall, Korea University

Microeconomic Theory Seminar, 2006 Spring and Fall, 2007 Spring, Korea University

Game Theory and Industrial Organization, 2006 Spring (ECON830, The University of Kansas, Dept. of Economics)

Microeconomic Theory, 2001 Fall, 2002 Fall, 2005 Fall (ECON801, The University of Kansas, Dept. of Economics)

General Equilibrium and Welfare Economics, 2003 Spring, 2004 Spring (ECON802, The University of Kansas, Dept. of Economics)

Graduate Mathematical Economcis II, 2006 Spring (ECON809, The University of Kansas, Dept. of Economics)

Mathematics Review, 2000 Summer (University of Rochester, Dept. of Economics)

Studies in Microeconomics, 2011 Fall, 2012 Fall.

#### Undergraduate Courses

Principles of Economics I, 2006 Fall, Korea University

Introduction to Welfare Economics, 2003 Fall, 2004 Fall, 2005 Spring and Fall, 2006 Spring (ECON675, The University of Kansas, Dept. of Economcis)

Microeconomics, 2001 Fall, 2002 Spring and Fall, 2003 Spring and Fall, 2004 Spring and Fall, 2005 Spring and Fall (ECON520, The University of Kansas, Dept. of Economics), 2010 Fall (Seoul National U)

Theory of Taxation, 2007 Fall (Korea U)

Game Theory and Applications, 2011 March (Seoul National U)

Public Finance, 2012 Fall

Human Life and Economics, 2012 Spring.

Posted 2nd September 2017 by 주병기