

CURRICULUM VITAE
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Sang Hoo Bae

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Education:

- Ph.D. Economics, Michigan State University, August 2003.
(Dissertation Adviser: Professor Jay Pil Choi)
- B.S. Economics, Pusan National University, February 1998.

Employment and Teaching Experience:

- Associate Professor, Department of Economics, Clark University, April 2009-present
- Tenure granted, April 2009
- Assistant Professor, Department of Economics, Clark University, 2003-April 2009.
- Visiting Research Fellow, Bank of Korea, Summer 2004.

- Microeconomics-Seminar (Ph. D) every spring semester from 2004 to 2012.
- Public Policy Towards Business S2004
- Industrial Organization (Ph.D) F2003, F2005, F2007, F2009, S2012
- Industrial Organization F2004, F2005, S2005, S2007, S2008
- Intermediate Microeconomics S2001, S2002, F2002, F2003, F2004, F2008
- Introduction to Microeconomics S2003
- Principles of Economics S2005, S2008
- Economics of Sport S2006, F2007, F2008, S2010, F2011
- Economics and World Economy S2009, F2009, F2010, F2011

Field of Specialization:

- Industrial Organization Game Theory
- Microeconomic Theory Applied Microeconomics

Awards and Honors:

- Graduate School Dean's Fellowship, Graduate School, MSU, Spring 2003
- Social Science Dean's Fellowship, Social Science, MSU, Spring 2003
- Dissertation Fellowship, Graduate School, MSU, Spring 2003.
- Dissertation Fellowship, Department of Economics, MSU, Spring 2002.
- Teaching Assistant, Department of Economics, MSU, 2000-2002.
- PNU Exchange Student Fellowship, Pusan National University, 1996.

- Outstanding Undergraduate Student Fellowship, Pusan National University, 1991, 1994, 1995, 1997.

Published Papers in Referred Journal:

1. Bae, Sang Hoo, Yoo, Chung Sik and Sarkis, Joseph, "Greening Transportation Fleets: Insights from a Two-Stage Game Theoretic Model," *Transportation Research Part E: Logistics and Transportation Review*, 2011, 47 (6), pp. 793-807.
2. Choi, Pilsik, Bae, Sang Hoo and Jun, Jongbyung, "Digital piracy and firms' strategic interactions: The effects of public copy protection and DRM similarity," *Information Economics and Policy*, 2010, 22 (4), pp. 354-364.
3. Bae, Sang Hoo, Yoo, Chung Sik and Sarkis, Joseph, "Outsourcing with Quality Competition: Insights from a Three Stage Game Theoretic Model," *International Journal of Production Research*, 2010, vol. 48 (2), pp.327 - 342.
4. Bae, Sang Hoo and Ott, Attiat F., "The Public Economics of Self Control," *Journal of Economics and Finance*, 2008, vol. 32, pp.356-367.
5. Bae, Sang Hoo and Ott, Attiat F., "Predatory Behavior of Government: The Case of Mass Killing," *Defence and Peace Economics*, 2008, vol. 19, pp.107 – 125.
6. Bae, Sang Hoo and Choi, Jay Pil, "The Optimal Number of Firms with an Application to Professional Sports Leagues," *Journal of Sports Economics*, 2007, vol. 8, pp. 99 – 108.
7. Bae, Sang Hoo and Choi, Jay Pil, "A Model of Piracy," *Information Economics and Policy*, 2006, vol. 18, pp. 303-20.
8. Bae, Sang Hoo and Seol, Insik, "An exploratory empirical investigation of environmental audit programs in S&P 500 companies," *Management Research News*, 2006, vol. 29, pp. 573-579.

Working Papers:

1. Sang Hoo Bae* and Amy Ickowitz (2012), "Corruption and Illegal Logging in the Tropics" Mimeo.
2. Bae, Sang Hoo, Joardar, Arpita, and Sarkis, Joseph (2012) "A Game Theoretic Analysis of Firms' Entry Mode Decisions," under submission.
3. Johnson, Michael R. and Bae, Sang Hoo (2011), "'Does Forking improve welfare? An Analysis of the Open Source Market," Mimeo.

4. Johnson, Michael R. and Bae, Sang Hoo (2009), "'A Two Sided Market Analysis of Technology Sharing: Open Source and Proprietary Firms," Mimeo.
5. Bae, Sang Hoo, "Digitalization and Ownership of Private Copy Protection," under revision.
6. Bae, Sang Hoo and Kwon, Jiyoung, "Two-sided Network Effects in the Market for Professional Sports," under revision.
7. Bae, Sang Hoo (2003), "The Quality of Technology and Patent Protection Policy in the International Licensing of Technology," Mimeo.

Research In Progress:

- "Two-sided Network Effects in the Market for Professional Sports: Empirical Study" (with J. Kwon).
- "A Model of Patent Quality: A Comparison of Patent Litigation and Patent Opposition."
- "Issue of Compatibility between Hardware and Contents with Presence of Piracy"
- "Two-sided network effect on the optimal choice of Environmentally-friendly Inputs"(with J. Sarkis)

Book Chapters:

- A chapter to 'Economics of Sports Leagues: An International Perspective (Edward-Elgar)' edited by Liam Lenten (with J. P. Choi, *forthcoming*)
- A chapter to the Handbook on the Economics of Conflict (Edward-Elgar) edited by Derek Braddon and Keith Hartley (with Attiat F. Ott, 2011)

Seminar and Conference Presentation:

- **"Corruption and Illegal Logging in the Tropics"**
Global Business Development International conference (Las Vegas, 2012)
- **"A Game Theoretic Analysis of Dunning's Eclectic Model"**
Academy of International Business (Nagoya, 2011)
- **"Does Forking improve welfare? An Analysis of the Open Source Market"**
International Industrial Organization Conference (Vancouver, 2010)
- **"Digitalization and Ownership of copy protection"**
(Previous title was "The Ownership Structure of Digital Rights Management (DRM) and Foreclosure of Piracy")
Clark University (Fall, 2008)
International Industrial Organization Conference (Washington D.C., 2008)
The Society for Economic Research on Copyright Issues Annual Congress (Geneva, July, 2008)
- **"The Public Economics of Self Control "**

(Previous title was "Efficiency of Self-Bargaining with Internality")
Public Choice Society Annual Meeting (San Antonio, 2008)

- **"Predatory Behavior of Government: The Case of Mass Killing"**
The African Outreach Program (Clark University, 2006)
- **"Digital piracy and firms' strategic interactions: The effects of public copy protection and DRM similarity"**
(Previous title was "Firms' Optimal Digital Rights Management (DRM) Strategies: The Effects of Public Copy Protection and DRM Compatibility")
Clark University (2007),
International Industrial Organization Conference (Savannah, 2007),
Workshop on the Economics of Information Security (Dartmouth College, 2008),
ZEW Conference on Information and Communication Technologies (Mannheim, 2008)
Korea Academic Association of Industrial Organization Conference (Seoul, 2009)
Yensei University (2009)
- **"Two-sided Network Effects in the Market for Professional Sports"**
Clark University (2005),
International Industrial Organization Conference (Atlanta, 2005),
Suffolk University (2005),
Northeastern University (2006),
Western Economic Association International Conference (Seattle, 2007)
- **"The Optimal Number of Franchises in Professional Sports League"**
Mid-west Economics Association Annual Meeting (2003),
Clark University (2003)
- **"A Model of Piracy"**
Theory Seminar, Michigan State University (2002),
Clark University (2003)
- **"The Quality of Technology and Patent Protection Policy in the International Licensing of Technology"**
Red Cedar Conference, Department of Economics, Michigan State University (2001)
- **"A Model of Patent Quality: A Comparison of Patent Litigation and Patent Opposition"**
Eastern Economics Association Annual Meeting (2006)

Discussants:

- International Industrial Organization Conference (Atlanta, 2005)
- International Industrial Organization Conference (Savannah, 2007)
- Eastern Economics Association Annual Meeting (2006)
- Western Economic Association International Conference (Seattle, 2007)
- International Industrial Organization Conference (Washington D.C., 2008)

- ZEW Conference on Information and Communication Technologies (Mannheim, 2008)
- Public Choice Society Annual Meeting (San Antonio, 2008)
- International Industrial Organization Conference (Vancouver, 2010)

Referee:

Journal of Sports Economics; Journal of Public Economic Theory; Journal of Economics and Management Strategy; Information Economics and Policy; International Review of Law and Economics; Journal of Industrial Economics; International Journal of Sport Finance; Japan and the World Economy; Transportation Research Part E: Logistics and Transportation Review; Journal of Economic Behavior and Organization.

Professional Activities:

Book Review of *Microeconomics* by Don E. Waldman, Addison Wesley.

University and Departmental Service, Clark University

- **University Service:**
Environment committee (2011- present)
Undergraduate Admissions Committee 2008-2010, 2012S
Department Representative at Majors Fair (2004, 2007, 2008)
Department Representative at Open House (2004, 2008)
- **Departmental Service:**
Ph. D comprehensive exam (microeconomics write-off) committee (2004-2012)
Library Liaison (2003-present)
Advisor, Undergraduate Economic Society (2005, 2008, 2009, 2010)
- **PhD Dissertation committee:**

Chair:	Chyanda Querido (2008), Tuan Nguyen (2009),	Michael Johnson, Patino, Oswaldo (2011)
Member:	Vladislav Dolgoplov (2005), Kaushik Ghosh (2009) Sujoy Das (2010)	Ladislav Wintz (2006) Trina Das (2010) Soumitra Das (2011)