

**EDWARD S. STEINFELD**

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**CURRENT POSITIONS****Brown University**

Howard R. Swearer Director, Watson Institute for International and Public Affairs

Professor, Department of Political Science

Dean's Chair in China Studies

Director, Brown China Initiative

**PREVIOUS POSITIONS**

Professor, MIT Department of Political Science

Professor (by courtesy), MIT Sloan School of Management

Associate Professor, MIT Department of Political Science

Assistant Professor, MIT Department of Political Science

Assistant Professor, MIT Sloan School of Management

Director, MIT-China Program (MISTI-China)

Co-Director, China Energy Group, MIT Industrial Performance Center

Visiting Scholar, Tsinghua University School of Public Policy and Management

Visiting Scholar, Peking University China Center for Economic Research

**EDUCATION**

B.A., Government. Harvard University, 1988.

M.A., Political Science. Harvard University, 1993.

Ph.D., Political Science. Harvard University, 1996.

**ADDITIONAL APPOINTMENTS**

Board of Directors member, National Committee on US-China Relations, 2008-2013.

Board of Directors member, Clean Air Task Force, 2013-2016.

Academic Board member, Center for Industrial Development and Environmental

Governance, Tsinghua University, China, 2010-present.

China Advisory Board member, The Buhler Technology Group, 2012-present  
 Advisory Board member, Urs Buhler Innovation Fund, 2014-present  
 International Faculty Fellow, Fulbright Economics Teaching Program (University of  
 Economics/Harvard Kennedy School), Vietnam, 2010-present.  
 Int'l Advisory Board member, China National Offshore Oil Corporation, 2002-2009.  
 Consultant, The World Bank, NDRC 11<sup>th</sup> Five Year Plan Policy Planning Project, 2004.  
 Consultant, The World Bank, China State Enterprise Reform Project, 2003.  
 Consultant, The World Bank, Innovative East Asia Project, 2001-2002.

### **FELLOWSHIPS, GRANTS, AND HONORS**

U.S. Army Research Office Grant (Minerva renewal), 2015  
 Minerva Research Initiative Grant, 2012  
 National Science Foundation, 2011  
 MIT China Seed Fund Grant, 2010  
 National Committee on US-China Relations “Public Intellectuals Program” Fellow,  
 2005-2007  
 Sumner Prize for Outstanding Dissertation in Social Sciences, 1996.  
 Mellon Doctoral Dissertation Research and Completion Fellowships, 1994-1996.  
 National Science Foundation Graduate Research Fellowship, )1991-1994.  
 Foreign Language and Area Studies Fellowship, 1991.  
 Chinese School Prize, Middlebury Summer Language Program, 1991.  
 Phi Beta Kappa, 1988.

### **SELECTED PUBLICATIONS**

#### **Books**

Edward S. Steinfeld, *Playing Our Game: Why China's Rise Doesn't Threaten the West*. New York: Oxford University Press, 2010.

Edward S. Steinfeld, *Forging Reform in China: The Fate of State Industry*.  
 Cambridge: Cambridge University Press Press, 1998.

Yasheng Huang, Anthony Saich, and Edward S. Steinfeld, eds. *Financial Sector Reform in China*. Cambridge: Harvard Univ. Asia Center, 2005.

#### **Book Chapters**

Edward S. Steinfeld, “Teams of Rivals: China, the United States, and the Race to Develop Technologies for a Sustainable Energy Future,” in Jacques deLisle and Avery Goldstein, eds., *China's Global Engagement:*

*Cooperation, Competition, and Influence in the 21<sup>st</sup> Century* (Washington: Brookings, 2017).

Edward S. Steinfeld and Florian Metzler, “Sustaining Global Competitiveness in the Provision of Complex Products and Systems: The Case of Civilian Nuclear Power Technology,” in Richard Locke and Rachel Wellhausen, eds., *Production in the Innovation Economy*, Cambridge, MA: MIT Press, 2014.

Edward S. Steinfeld and Jonas Nahm, “The Role of Innovative Manufacturing in High Tech Product Development: Evidence from China’s Renewable Energy Sector,” in Richard Locke and Rachel Wellhausen, eds., *Production in the Innovation Economy*, Cambridge, MA: MIT Press, 2014.

Edward S. Steinfeld, “The Capitalist Embrace: China Ten Years After the Asian Financial Crisis,” in Andrew MacIntyre, T.J. Pempel, and John Ravenhill, eds., *East Asia: Ten Years After the Crisis*, Ithaca, NY: Cornell Univ. Press, 2008.

Edward S. Steinfeld, “Energy Policy,” in Shahid Yusuf and Tony Saich, eds., *China Urbanizes: Consequences, Strategies, and Policies*, Washington: The World Bank, 2008.

Edward S. Steinfeld, “Innovation, Integration, & Technology Upgrading in Contemporary Chinese Industry,” in Karen Polenske, ed., *The Economic Geography of Innovation*, New York, Cambridge Univ. Press, 2007.

Edward S. Steinfeld, “Cross Straits Commercial Integration and Industrial Catch-Up,” in Suzanne Berger and Richard K. Lester, eds., *Global Taiwan*. Armonk: M.E. Sharpe, 2005.

Edward S. Steinfeld, “Chinese Enterprise Development and the Challenge of Global Integration,” in Shahid Yusuf, Anjum Altaf, and Kaoru Nabeshima, eds., *Global Production Networking and Technological Change in East Asia*, New York: Oxford Univ. Press, 2004.

### **Articles in Refereed Journals**

Edward S. Steinfeld and Jonas Nahm, “Scale-up Nation: China’s Specialization in Innovative Manufacturing,” *World Development*, Vol. 54, February, 2014: 288-300.

Edward S. Steinfeld, Richard Lester, and Edward A. Cunningham, "Greener Plants, Grayer Skies: A Report from the Front Lines of China's Energy

Sector," *Energy Policy*, Vol. 37, No. 5, May, 2009: 1809-1824.

Edward S. Steinfeld, "Market Visions: The Interplay of Ideas and Institutions in Chinese Financial Restructuring," *Political Studies* 52(4), 2004: 643-663.

Edward S. Steinfeld, "China's Shallow Integration: Networked Production and the New Challenges for Late Industrialization," *World Development* 32(11), 2004: 1971-1987.

Edward S. Steinfeld, "Moving Beyond Transition in China: Financial Reform and the Political Economy of Declining Growth," *Comparative Politics* 34(4): 379-398.

### **Special Reports**

John Deutch and Edward S. Steinfeld, *Duel in the Sun: The Solar Photovoltaics Technology Conflict Between China and the United States*, Report for the MIT Study on the Future of Solar Energy, 2013.

Edward S. Steinfeld and Richard K. Lester, "Coal Consumption in China and India," Chapter 5 in *The Future of Coal: An MIT Interdisciplinary Study*, 2007.

Edward S. Steinfeld, Richard Lester, and Edward A. Cunningham, "Greener Plants, Grayer Skies: A Report from the Front Lines of China's Energy Sector," MIT Industrial Performance Center, August 2008.

### **Book Reviews**

Edward S. Steinfeld, "Review of 'The China Boom: Why China Will Not Rule the World,'" *The China Journal*, Vol. 77, January, 2017.

Edward S. Steinfeld, "Critical Dialogue: Review of Charles Kupchan's 'No One's World,'" *Perspectives on Politics*, Vol. 11, No. 3 (September), 2013.

Edward S. Steinfeld, "Review of 'Contemporary Chinese Politics,'" *Journal of East Asian Studies*, 13, 2013.

Edward S. Steinfeld, "Review of Andrew Wedeman's 'From Mao to Market,'" *Journal of Asian Studies*, Vol. 63, No. 3, 2004.

### **Other Publications**

- Edward S. Steinfeld, "China, High Tech, and the 'High Tempo Cost Out' Revolution," *Tech Tank*, Brookings Institution, May 2015.
- Edward S. Steinfeld, "The Rise of China," *Outlook – Turning Points*, December 2014.
- Edward S. Steinfeld and Troels Beltoft, "Innovation Lessons from China," *MIT Sloan Management Review*, Summer 2014.
- John Deutch and Edward S. Steinfeld, "Made in America, and Everywhere Else," *The Wall Street Journal*, March 12, 2013.
- Edward S. Steinfeld, "China's Other Revolution," *Boston Review*, July/Aug 2011.
- Edward S. Steinfeld, "The 'Steel Factory,'" *Harvard Magazine*, October 2011.
- Edward S. Steinfeld, "Where China is Headed," *The Wall Street Journal*, Oct. 14, 2010.
- Edward S. Steinfeld, Richard Lester, and Edward A. Cunningham, "China and Climate Change: Power Plant Emissions, Lessons from Sulfur," *The China Economic Quarterly*, September 2008.
- Edward S. Steinfeld, "The Rogue that Plays by the Rules," *The Washington Post*, September 2, 2007.
- Edward S. Steinfeld and Richard K. Lester, "China's Real Energy Crisis," *Harvard Asia Pacific Review*, Vol. 9, No. 1 (Winter), 2007.
- Edward S. Steinfeld, "Cultural Chaos: From the Dystopian Heyday of Maoism to the Making of Modern China," *Harvard Magazine*, Jan./Feb., 2007.
- Edward S. Steinfeld, "Free Lunch or Last Supper? China's Debt-Equity Swaps in Context," *The China Business Review*, vol. 27 (4), July-August, 2000: 22-27.
- Edward S. Steinfeld, "Full Speed Around: The People's Republic at Fifty," *The Far Eastern Economic Review*, Oct. 7, 1999: 56-60.
- Edward S. Steinfeld, "Beyond the Transition: China's Economy at Century's End," *Current History*, vol. 98 (629) September 1999: 271-275.
- Edward S. Steinfeld, "State Enterprise Reform: Swapping One Crisis for Another," *The South China Morning Post*, June 10, 1999.

Edward S. Steinfeld, “The Asian Financial Crisis: Beijing’s Year of Reckoning,” *The Washington Quarterly*, vol. 21 (3), Summer, 1998: 37-52.

Edward S. Steinfeld, “China’s Looming Crisis,” *The Washington Post*, March 27, 1998.

Edward S. Steinfeld, “Democratization and Economic Development in China,” *Washington Journal of Modern China*, vol. 3 (1), Winter/Spring, 1996: 63-69.

Edward S. Steinfeld, “China’s Cash Cow Dinosaurs,” *The Asian Wall Street Journal*, Feb. 7.

### **Working Papers**

Edward S. Steinfeld, “Salvation Nations: Revolution and Redemption in the Making of Modern Israel and China,” Paper presented to Conference on “50 Years Since ’68: The Global and the Local,” Brown University, Nov. 1-2, 2018.

Edward S. Steinfeld, “The Hefei Optical Sorting Cluster: Chinese-Style Product Development,” Watson Institute Working Paper, November 2015.

Edward S. Steinfeld, “Teams of Rivals: China, the U.S., and the Race to Develop Technologies for a Sustainable Energy Future,” Watson Institute Working Paper, May 2015.

Edward S. Steinfeld and Florian Metzler, “Sustaining Global Competitiveness in the Provision of Complex Products Systems,” MIT Political Science Working Paper, 2013.

Edward S. Steinfeld and Jonas Nahm, “Reinventing Mass Production: China’s Specialization in Innovative Manufacturing,” MIT Political Science Working Paper 2012-25, 2012.

Edward S. Steinfeld, Laura Chirot, and Vu Thanh Tu Anh, “Private Sector Development: An Alternative Target for Industrial Policy in Vietnam?” World Bank/KDI Project on the Developmental State, 2012.

### **Congressional Testimony**

Edward S. Steinfeld, “Testimony: Hearing on ‘Climate Change – International Issues, Engaging Developing Countries,’” House Committee on Energy and Commerce, United States House of Representatives, March 27, 2007.

Edward S. Steinfeld, "Testimony: Hearing on 'China's Industrial, Investment, and Exchange Rate Policies," U.S.-China Economic and Security Review Commission (United States Congress Joint Commission), September 25, 2003.

### **PROFESSIONAL BOARDS AND AFFILIATIONS**

Editorial board, *World Politics* (2008-2015)

Editorial board, *Asia Pacific Business Review*

External PhD Examiner, University of Cambridge (UK)