

Dr. Clair Brown is Professor of Economics and Director of the Center for Work, Technology, and Society at the University of California, Berkeley. Prof Brown is a past Director of the Institute of Industrial Relations (IRLE) at UCB. Clair has published research on many aspects of how economies function, including high-tech industries, development engineering, the standard of living, wage determination, poverty, and unemployment. Her books include *American Standards of Living, 1919-1988*, and *Chips and Change: How crisis reshapes the semiconductor industry*. Clair's contributions to the field of Labor Economics were recognized by the Labor and Employment Relations Association, who awarded her their Lifetime Achievement Award in 2010. Clair's economic approach and life as an economist is published in *Eminent Economists II – Their Life and Work Philosophies* (Cambridge University Press, 2013).

In 2013 at UC Berkeley, Clair helped create a new program called Development Engineering, for graduate students in engineering and economics to develop their multidisciplinary skills for designing, building, and evaluating new technologies to help developing regions.

In 2011, Clair began a field, *Buddhist Economics*, at UC Berkeley. Buddhist economics integrates global sustainability and shared prosperity to provide a holistic model of economic behavior and well-being. Her book *Buddhist Economics: An enlightened approach to the dismal science* will be published by Bloomsbury Press in January 2017. One aspect of this work is the development of a measure of economic performance based on the quality of life, and to estimate it for state of California. This index integrates measurements of inequality and environmental degradation as well as value of nonmarket activities and consumption to provide an inclusive measurement of sustainable economic performance to guide policy.

You can listen to Clair's presentation to the Commonwealth Club on *Creating Quality of Life in a Sustainable Global Economy*, May 12, 2016:

<http://www.commonwealthclub.org/events/archive/podcast/creating-quality-life-sustainable-global-economy>

PROFESSIONAL EXPERIENCE (selected recent)

Professor of the Graduate School, University of California, Berkeley (2010 to present)

Professor of Economics, University of California, Berkeley (1973-2010)

Director, Center for Work, Technology and Society, IIR (since 1997)

Editorial Board, *Industrial Relations* (past Editor), *Industrial and Labor Relations Review*, *International Journal of Institutions and Economics*

Chair, Univ. of California Educational Effectiveness Task Force (2008-09)

Director, Competitive Semiconductor Industry-Human Resources Program (1993-2006)

Chair, Educational Policy Committee, UC Berkeley Academic Senate (2006-2008)

Director, Institute of Industrial Relations, University of California at Berkeley (1992-1997); Associate Director, 1983-1992; Advisory Committee, 1978-1982, since 1997.

Omron Fellow, ITEC, Doshisha University, Kyoto, Japan (2003-2006)

Batten Fellow, Darden School of Business, University of Virginia

Advisory Board, School of Management, Doshisha University, Kyoto, Japan (2002-04)

Advisory Board, Center for Labor Research and Education, IIR (since 1997)

PUBLICATIONS and PRODUCTS (selected recent)

Buddhist Economics: An Enlightened Approach to the Dismal Science. Bloomsbury Press, February 2017.

Creating Quality of Life in a Sustainable Global Economy. Commonwealth Club Panel. May 12, 2016. Podcast <http://www.commonwealthclub.org/events/archive/podcast/creating-quality-life-sustainable-global-economy>

“Buddhist Economics: An Enlightened Approach to the Dismal Science,” *Challenge*, 58:1, 23-28, 2015.

Chips and Change: How crisis reshapes the semiconductor industry (with Greg Linden). MIT Press, 2009 (Paperback edition with updated Preface, 2011)

“Cost Simulator: Estimation of Net Costs of Adopting Family Friendly Policies for Faculty by Universities” (with Eric Freeman) 2013.

<http://www.toolsforchangeinstem.org/cost-simulator/>

“ReadyMade Impact Assessment: An online tool for an Effective and Efficient Assessment Template for Social Enterprises” (with grad students) 2014.

<http://readymade.us/> http://wiki.readymade.us/index.php/Main_Page

“Clair Brown: Social Norms in Economics and in the Economics Profession,” *Eminent Economists II – Their Life and Work Philosophies*, edited by Michael Szenberg (Cambridge University Press, 2013)

“Quality of Life, Measurements of”, in Daniel Thomas Cook and J. Michael Ryan, co-editors, *The Wiley-Blackwell Encyclopedia of Consumption and Consumer Studies*, 2014.

“Direct Measurement of Global Value Chains” (with Sturgeon, Nielsen, Linden, Gereffi), in *The Fragmentation of Global Production and Trade in Value-Added*, ed. Mattoo, Wang and Wei (CEPR/World Bank, 2013)

“Simulator: Estimation of Net Costs of Adopting Family Friendly Policies for Faculty by Universities” (with Eric Freeman). IRLE Working Paper, September 2013.

“Job Loss, Trade and Labor Markets: New Worker-Level Evidence” (with Julia Lane and Tim Sturgeon), *Industrial Relations* (2012)

“Yeast Mannan Oligosaccharide Dietary Supplement In the Treatment of Acute Urinary Tract Infections: A Case Series” (with Michael McCulloch and Richard Katz) *UroToday International Journal*, Summer 2012.

“ReadyMade Analysis of Berkeley Scholars to Cal Program” (with Kate Belohlav). IRLE Working Paper, May 2012.

“ReadyMade Impact Assessment: Developing an Effective and Efficient Assessment Template for Social Enterprises” (with Ariel Chait and Eric Freeman), IRLE Working Paper 108-11, Aug 2011.

“Hospital de la Familia: Goals and Impact” (with co-authors), ReadyMade report on HDLF Cataract Clinic in Guatemala, May 2011.

Labor in the Era of Globalization. (with Barry Eichengreen, and Michael Reich, eds.) Cambridge, MA: Cambridge Univ Press, 2010. Selected by the Princeton Industrial Relations Section as one of the Noteworthy Books in Industrial Relations and Labor Economics, 2010.

Economic Turbulence: Is a Volatile Economy Good for America? (with John Haltiwanger and Julia Lane), Chicago: University of Chicago Press, 2006. (Background papers and technical materials available online www.economicsturbulence.com.)

"The Evolution of Japan's Semiconductor Industry" (with Greg Linden), in H. Miyoshi and Y. Nakata (eds.) *Have Japanese Firms Changed? The Lost Decade*. Basingstoke, UK: Palgrave Macmillan, 2011, pp. 14-40.

"Making vs. Buying Knowledge: The Relationship between R&D Investment and Workforce Knowledge" (with Fredrik Andersson, Benjamin A. Campbell, Hyowook Chiang, and Yooki Park). in S. Bender, J. Lane, K. Shaw, F. Andersson and T. von Wachter, eds, *The Analysis of Firms and Employees: Quantitative and Qualitative Approaches*. The University of Chicago Press, 2008.

"How Good Are U.S. Jobs? Characteristics of Job Ladders across Firms in Five Industries" (with B. Campbell, F. Andersson, H. Chiang, and Y. Park), in Clair Brown et al, editors, *Labor in the Era of Globalization*. Chapter 4. Cambridge, MA: Cambridge Univ Press, 2010.

"Offshoring in the Semiconductor Industry: A Historical Perspective" (with Greg Linden), in Susan M. Collins and Lael Brainard, eds. *Brookings Trade Forum 2005: Offshoring White Collar Work*. Washington, DC: Brookings Institution Press (Ch. 8, pp. 279-333), 2006.

"Semiconductor Engineers in a Global Economy" (with Greg Linden) in National Academy of Engineering Committee on the Offshoring of Engineering, *The Offshoring of Engineering: Facts, Unknowns, and Potential Implications*. Washington, DC: National Academies Press, 2008.

"Managing Creativity and Control of Knowledge Workers", in D. Hugh Whittaker and Robert E. Cole, eds. *Recovering from Success: Innovation and Technology Management in Japan*. Oxford: Oxford University Press, 2006.

"An International Investigation of Problem-Solving Performance in the Semiconductor Industry" (with Melissa Appleyard and Linda Sattler) *Journal of Product Innovation Management*, 2006. 23: 147-167.

"The Net World Order's Influence on Global Leadership in the Semiconductor Industry" (with Greg Linden and Melissa Appleyard) in Martin Kenney and Richard Florida, eds., *Locating Global Advantage: Industry Dynamics in the International Economy*. Stanford, CA: Stanford University Press (Ch. 9, pp. 232-257), 2003.

"The Impact of Technological Change on Work and Wages" (with Ben Campbell). *Industrial Relations* (Winter 2002).