

Herbert Gintis
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Degrees

B. A. in Mathematics, University of Pennsylvania, 1961
M. A. in Mathematics, Harvard University, 1962
Ph.D. in Economics, Harvard University, 1969

Positions Held

Professor, Central European University, 2005–present
Visiting Professor, University of Siena, 1989,1993,1999,2002–present
External Professor, Santa Fe Institute, 2001–present
Emeritus Professor of Economics, University of Massachusetts, 2003–present
Adjunct Professor, Columbia University, 2004
Adjunct Professor, New York University, 2003
Visiting Professor, University of Paris, 1985,1986
Visiting Professor, Harvard University, 1982,1983
Institute for Advanced Study, Princeton, 1977–1978
Professor of Economics, University of Massachusetts, 1976–2002
Associate Professor of Economics, University of Massachusetts, 1975–1976
Associate Professor of Economics, Harvard University, 1974
Assistant Professor of Economics, Harvard University, 1973–1974

Awards, Grants, Honors

Director of European Science Foundation EUROCORES programme, The Evolution of Cooperation and Trading (TECT), project SOCCOP (Social and Mental Dynamics of Cooperation).

Co-director, with Professor Robert Boyd (Anthropology, UCLA), of “Economic Environments and the Evolution of Norms and Preferences,” a multi-year, interdisciplinary research project funded by the John D. and Catherine T. MacArthur Foundation, 1997–2006.

Museum of Education’s *Books of the Century* award for *Schooling in Capitalist America*, 2000.

Listed in *Whose Who in Economics: A Biographical Dictionary of Major Economists, 1700–1986* Mark Blaug (ed.). Second Edition, 1987.

Publications

The Bounds of Reason: Game Theory and the Unification of the Behavioral Sciences (Princeton University Press, 2009).

Game Theory Evolving: Second Edition (Princeton University Press, 2009).

with Catherine Eckel, “Blaming the Messenger: Notes on the Current State of Experimental Economics,” forthcoming, *Journal of Economic Behavior and Organization*.

“Animal Spirits or Complex Dynamics: A Review of Akerlof and Shiller,” forthcoming *Journal of Economic Psychology*.

“Experimental Economics Will Foster a Renaissance of Economic Theory,” forthcoming, *Journal of Economic Behavior and Organization*.

“A New Nash Equilibrium Refinement: The Local Best Response Criterion,” forthcoming *Journal of Economic Behavior and Organization*.

with Jeffrey Carpenter, Samuel Bowles, and Sung Ha Hwang, “Strong Reciprocity and Team Production,” forthcoming *Journal of Economic Behavior and Organization*.

with Rakesh Khurana, “What Is the Purpose of Business? *BizEd* January–February 2008.

with Rakesh Khurana, “Corporate Honesty and Business Education: A Behavioral Model,” in *Moral Markets: The Critical Role of Values in the Economy*, Paul J. Zak (ed.) Princeton University Press, forthcoming.

“Cooperation and Punishment,” *Science* 7 March 2008: 1345–1346.

“Cross-disciplinary Research in Psychology and Economics,” *The Journal of Economic Psychology* in press, (2008)

“Evolutionary Approaches to Moral Sentiments” *The Journal of Economic Psychology* in press, (2008)

“The Evolution of Private Property,” *Journal of Economic Behavior and Organization* 64,1 (2007): 1–16.

with Joseph Henrich, Samuel Bowles and Robert Boyd, “Strong Reciprocity and the Roots of Human Morality,” *Social Justice Research* in press (2008).

with Samuel Bowles, “Social Preferences, Homo Economicus and Zoon Politikon,” in Robert Goodin and Charles Tilly, *Oxford Handbook of Contextual Political Studies* (Oxford, Oxford University Press, 2007).

with Samuel Bowles, *A Cooperative Species: Human Reciprocity and its Evolution*, in press, 2006.

“A Framework for the Unification of the Behavioral Sciences,” *Behavioral and Brain Sciences* 30,1 (2007): 1–61.

with Rakesh Khurana, “Corporate Honesty—A Behavioral Model,” Gruter & Templeton Foundations Report, June 2006.

“Adapting Minds and Evolutionary Psychology,” *Journal of Bioeconomics*, 2006.

“The Dynamics of General Equilibrium,” *Economic Journal*, 117 (October, 2007): 1280–1309.

with Ernst Fehr, “Human Nature and Social Cooperation: Analytical and Experimental Foundations,” *Annual Review of Sociology*, 33 (2007):43–64.

- “The Emergence of a Price System from Decentralized Bilateral Exchange,” *Contributions to Theoretical Economics* 6,1,13 (2006), available at www.bepress.com/bejte/contributions/vol6/iss1/art13.
- with Ross Cressman and Thijs Ruijgrok, “Subgame Perfection in Evolutionary Dynamics with Recurrent Mutations,” in J. Barkley Rosser (ed.) *Handbook of Research on Complexity* (Northampton, MA: Edward Elgar, 2009):353–368.
- with Samuel Bowles, “Can Self-Interest Explain Cooperation?” *Evolutionary and Institutional Economics Review* (2,1) 2005:21–42.
- with Samuel Bowles and Melissa Osborne, *Unequal Chances: Family Background and Economic Success* (Princeton University Press, 2005)
- “Behavioral Ethics Meets Natural Justice,” *Politics, Philosophy and Economics* 5,1 (2006):5–32.
- “Behavioral Game Theory and Contemporary Economic Theory,” *Analyse & Kritik* 27,1 (2005):6–47.
- with C. T. Bergstrom, J. L. Bronstein, R. Bshary, R. C. Connor, M. Daly, S. A. Frank, L. Keller, O. Leimar, R. Noe, and D. C. Queller, “Interspecific mutualism: Puzzles and predictions” in P. Hammerstein, (ed.) *Genetic and Cultural Evolution of Cooperation* (Cambridge: MIT Press, 2003).
- with Samuel Bowles, “Evolutionary Origins of Collective Action,” in Donald Wittman and Barry Weingast, *Oxford Handbook of Political Economy* (Oxford, Oxford University Press, 2005)
- with Samuel Bowles, “*Homo Economicus* and *Zoon Politicon*: Behavioral Game Theory and Political Behavior,” *Oxford Handbook of Contextual Political Analysis* (in press).
- with Samuel Bowles, “The Evolutionary Origins of Collective Action,” *Oxford Handbook of Political Economy* (in press).
- “Modeling Cooperation among Self-Interested Agents: A Critique,” *Journal of Socio-Economics* 33,6: 2004:697-717
- “Evolution Beyond the Gene” *Journal of Bioeconomics* 6,3: 2004:329-331.
- with Samuel Bowles, Robert Boyd, and Ernst Fehr, *Moral Sentiments and Material Interests: On the Foundations of Cooperation in Economic Life* (Cambridge, MIT Press, 2005).
- with Joe Henrich, Robert Boyd, Samuel Bowles, Colin Camerer and Ernst Fehr, *Foundations of Human Sociality: Ethnography and Experiments in Fifteen Small-scale Societies* (Oxford: Oxford University Press, 2004).
- with Robert Boyd, Samuel Bowles and Peter J. Richerson, “Evolution of Altruistic Punishment” *Proceedings of the National Academy of Sciences* 100,6 (2003):3531–3535.
- with Joseph Henrich, Robert Boyd, Samuel Bowles, Colin Camerer, Ernst Fehr, Richard McElreath, Michael Alvard, Abigail Barr, Jean Ensminger, Kim Hill, Francisco Gil-White, Michael Gurven, Frank Marlowe, John Q. Patton, Natalie Smith, and David Tracer, “

- ‘Economic Man’ in Cross-cultural Perspective: Ethnography and Experiments from 15 Small-scale Societies,” *Behavioral and Brain Sciences* 28 (2005): 795–855.
- “Economic Interests: Do Strangers Cooperate when they have to Work Together?” *Nature* 431 (16 September, 2004):245–246.
- “Solving The Puzzle of Prosociality,” *Rationality and Society* 15,2 (2003).
- with Samuel Bowles and Ernst Fehr, “Strong Reciprocity with or without Group Selection,” *Theoretical Primatology* (December 2003).
- “The Hitchhiker’s Guide to Altruism: Genes-Culture Coevolution and the Internalization of Norms,” *Journal of Theoretical Biology* 220,4 (2003): 407–418.
- “The Genetic Side of Gene-Culture Coevolution: Internalization of Norms and Prosocial Emotions,” *Journal of Economic Behavior and Organization* 53,1 (2004) pp. 57–67.
- with Samuel Bowles, “*Homo Reciprocans*: Altruistic Punishment of Free Riders,” *Nature* 415, 10 January 2002, pp. 125–128.
- with Samuel Bowles, “Intergenerational Inequality,” *Journal of Economic Perspectives* 16,3 (2002):3–30.
- Review of *Why Men Won’t Ask for Directions: The Seductions of Sociobiology* by Richard C. Francis. *Evolutionary Psychology*, 2:47-49.
- with Samuel Bowles, “The Global Inheritance of Inequality: Reply” *Journal of Economic Perspectives* 17,3 (Summer, 2003): 203–206.
- with Samuel Bowles, *The Cooperative Species: Human Sociality and its Evolution* Manuscript in preparation.
- “On the Unity of the Behavioral Sciences,” in Dov Gabbay, Shahid Rahman, John Symons, and Jean Paul Van Bendegeme (eds.) *Logic, Epistemology, and the Unity of Science* (New York: Kluwer, 2004).
- “Towards the Unity of the Human Behavioral Sciences,” *Politics, Philosophy, and Economics* 3,1 (2004): 37–57.
- with Samuel Bowles, “The Evolution of Strong Reciprocity: Cooperation in Heterogeneous Populations” *Theoretical Population Biology* 61 (2004), pp. 17–28.
- with Samuel Bowles, “The Origins of Human Cooperation” in Peter Hammerstein (ed.) *The Genetic and Cultural Origins of Cooperation* (Cambridge: MIT Press, 2004).
- with Samuel Bowles, “Prosocial Emotions,” in Lawrence Blume and Steven Durlauf (eds.) *Complex Nonlinear Systems III* (2004).
- with Samuel Bowles, “Persistent Parochialism: Trust and Exclusion in Ethnic Networks,” *Journal of Economic Behavior and Organization* 55,1 (2004): 1–23.
- “The Genetic Side of Gene-Culture Coevolution: Internalization of Norms and Prosocial Emotions,” *Journal of Economic Behavior and Organization* 53,1 (2004): 57–67.
- with Samuel Bowles, Robert Boyd and Ernst Fehr, “Explaining Altruistic Behavior in Humans,” *Evolution & Human Behavior* 24 (2003):153-172.

“Altruism and Emotions,” *Behavioral and Brain Sciences* 25 (2002):258–259.

with Christina M. Fong and Samuel Bowles, “Reciprocity and the Welfare State,” in Jean Mercier-Ythier, Serge Kolm and Louis-André Gérard-Varet, (eds.) *Handbook on the Economics of Giving, Reciprocity and Altruism* (Amsterdam: Elsevier, 2002).

“Some Implications of Endogenous Contract Enforcement for General Equilibrium Theory,” in Fabio Petri and Frank Hahn, *General Equilibrium: Problems and Prospects* (London: Routledge, 2002):176–205.

Samuel Bowles and Herbert Gintis, “The Inheritance of Economic Status: Education, Class and Genetics,” in N. J. Smelser and Paul Baltes (eds.) *International Encyclopedia of the Social and Behavioral Sciences* (Oxford: Pergamon, 2001).

with Samuel Bowles and Melissa Osborne, “The Determinants of Individual Earnings: Skills, Preferences, and Schooling,” *Journal of Economic Literature*, 39,4 (2001):1137-1176.

with Samuel Bowles, “Social Capital and Community Governance,” *Economic Journal* 112,483 (2002):419–436.

with Eric Alden Smith and Samuel Bowles, “Costly Signaling and Cooperation,” *Journal of Theoretical Biology* 213 (2001):103-119.

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with Joseph Henrich, Robert Boyd, Samuel Bowles, Colin Camerer, Ernst Fehr, and Richard McElreath, “Cooperation, Reciprocity and Punishment in Fifteen Small-scale Societies,” *American Economic Review* 91 (May 2001), pp. 73–78.

with Samuel Bowles and Melissa Osborne, “Incentive-Enhancing Preferences: Personality, Behavior and Earnings,” *American Economic Review* 9 (May 2001), pp. 155–158.

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with Samuel Bowles, “Schooling in Capitalist America Revisited,” *Sociology of Education* 75,1 (January 2002), pp. 1–18.

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- with Samuel Bowles, "Contested Exchange: A New Microeconomics of Capitalism," in Geoffrey M. Hodgson, Makoto Itoh, and Nobuharu Yokokawa (eds.) *Capitalism in Evolution* (Cheltenham, UK: Edward Elgar, 2001), pp. 21–35.
- "Beyond Selfishness in Modeling Human Behavior," in Randolph M. Nesse (ed.) *Evolution and the Capacity for Commitment* (New York: Russell Sage, 2001).
- with Samuel Bowles, "The Future of Egalitarian Politics," in *Power, Employment, and Accumulation: Social Structures in Economic Theory and Practice*, Jim Stanford, Lance Taylor, and Ellen Houston (eds.) (Armonk NY: M. E. Sharpe, 2001), pp. 80–104.
- with Samuel Bowles, "The Intergenerational Transmission of Economic Status: Education, Class, and Genetics," in N. J. Smelser and Paul Baltes, eds., *International Encyclopedia of the Social and Behavioral Sciences* (Oxford, Pergamon, 2001).
- With Samuel Bowles, "Comments on The Long Shadow of Work", *Critical Sociology*, Levine and Mintz (eds.), Humanities Press, 2000.
- with Samuel Bowles "Egalitarianism on its Own," in V. Franicevic and Milica Uvalic, eds., *Equality, Participation, Participation* (St. Martins, 2000).
- With Samuel Bowles, "Symposium on Bowles and Gintis, *Recasting Egalitarianism*, in *The Good Society (A PEGS Journal)* (9,3) 2000.
- "Beyond *Homo Economicus*," *Ecological Economics*, 35,3 (2000):311–322.
- "Group Selection and Human Prosociality," *Journal of Consciousness Studies* 7,1-2 Jan./Feb. 2000. Also in *Evolutionary Origins of Morality: Cross-disciplinary Perspectives* (Imprint Academic), ed. Leonard D. Katz, March, 2000.
- "Classical Versus Evolutionary Game Theory," *Journal of Consciousness Studies* 7,1–2 Jan./Feb. 2000. Also in *Evolutionary Origins of Morality: Cross-disciplinary Perspectives* (Imprint Academic), ed. Leonard D. Katz, March, 2000.
- with Samuel Bowles, "Community and Reciprocity," *The Good Society* 9,2 (2000), pp. 47–51.
- with Samuel Bowles, "Optimal Parochialism: Pareto Improving Barriers to Movement," Santa Fe Institute working paper, February, 2000
- with Samuel Bowles, "Does School Raise Earnings by Making People Smarter?" in Kenneth Arrow, Samuel Bowles, and Steven Durlauf (eds.) *Meritocracy and Economic Inequality* (Princeton, NJ: Princeton University Press, 2000):118-136.
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- with Samuel Bowles, "Is Inequality Passé?" *Boston Review* (23,6) December/January 1998-1999, pp. 4–35.
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- with Pranab Bardhan and Samuel Bowles, "Wealth Inequality, Credit Constraints, and Economic Performance" Anthony Atkinson and François Bourguignon (eds.), in *Handbook of Income Distribution* (North Holland, 1998).

- with Samuel Bowles, "Power and Wealth in a Capitalist Economy" *Keizai Seminar* 520 (1998).
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- with Samuel Bowles, "How Communities Govern: The Structural Basis of Prosocial Norms," in Louis Putterman and Avner Ben-Ner (eds.) *Economics, Values and Organizations* (New York: Cambridge University Press, 1998).
- with Samuel Bowles, "Power in Competitive Exchange," in Samuel Bowles, Mauricio Franzini, and Ugo Pagano (eds.) *The Politics and Economics of Power* (London: Routledge, 1998).
- with Samuel Bowles, "Schooling, Skills, and Earnings: A Principal-Agent Approach," in Kenneth Arrow, Samuel Bowles, and Steven Durlauf (eds.) *Meritocracy and Economic Inequality*, (Princeton, NJ: Princeton University Press, 1998).
- with Samuel Bowles, "Efficient Redistribution in a Globally Competitive Economy," in Philip Arestis, Gabriel Palma, and Malcom Sawyer (eds.) *Markets, Unemployment, and Economic Policy: Essays in Honor of Geoff Harcourt* Volume Two (London: Routledge, 1997):43-55.
- with Samuel Bowles, "Efficient Redistribution: New Rules for Markets, States, and Communities," *Politics & Society* 24,4 (December 1996):307-342.
- with Samuel Bowles, *Recasting Egalitarianism: New Rules for Markets, States, and Communities*, Erik Olin Wright (ed.), (New York: Verso, 1999).
- Review of Philippe Van Parijs, "Real Freedom For All: What (if anything) can justify capitalism?" *Journal of Economic Literature* 35,1 (March 1997):181-182.
- "School Choice: The Issues and the Options," *Prospects: Quarterly Review of Comparative Education* 26,4 (December 1996): 631-644.
- "A Markov Model of Production, Trade, and Money: Theory and Artificial Life Simulation," Working paper 97-01-006, *Santa Fe Institute* (January 1997).
- "A Markov Model of Production, Trade, and Money: Theory and Artificial Life Simulation," *Computational and Mathematical Organization Theory* (3,1) 1997:19-41.
- with Samuel Bowles, "Incentive Compatible Insurance for Non-Wealthy Producers," paper prepared for the MacArthur Economics Initiative working group on Inequality and Economic Performance (June 1996).
- with Samuel Bowles, "Asset Based Redistribution: Improving the Trade-off between Allocative Gains and Dynamic Inefficiency Losses," MacArthur Economics Initiative Working Paper, University of California at Berkeley, June, 1996.
- with Samuel Bowles, "Productive Skills, Labor Discipline, and the Returns to Schooling," Paper prepared for the conference on Meritocracy and Equality, University of Wisconsin (April 1996).

with Samuel Bowles, "Time Preference, Labor Discipline and Earnings: Explaining the Economic Return to Education," University of Massachusetts Working Paper (January 1966).

with Samuel Bowles, "The Distribution of Wealth and the Assignment of Control Rights," paper presented for the MacArthur Economics Initiative working group on Inequality and Economic Performance (October 1996).

With Samuel Bowles, "Time Preference, Labor Discipline and Earnings: Explaining the Economic Return to Education," University of Massachusetts Working Paper (January 1995).

with Samuel Bowles, "Productive Skills, Labor Discipline, and the Returns to Schooling," University of Massachusetts Working Paper (January 1995).

with Samuel Bowles, "Productivity Enhancing Egalitarian Policies," *International Labour Review*, 134,4-5 (1995):559-585.

Herbert Gintis and Samuel Bowles, "From the I.R.S. to the P.T.A.," *New York Times* (April 19, 1995).

Herbert Gintis, "Economic Policy After the Conservative Era," *PEGS Newsletter* 5,1 (Winter 1995):24-28.

Herbert Gintis, "Making Schools Work," *Educational Policy Analysis* 3,7 (March 1995).

Herbert Gintis, "The Political Economy of School Choice," *Teachers College Record* 96,3 (Spring 1995).

with Samuel Bowles, "The Economics of Education Reconsidered: Schooling and Labor Markets in Light of New Developments in Microeconomic Theory and Labor Economics," in Martin Carnoy (ed.) *The Encyclopedia of Economics of Education* (Amsterdam: Elsevier, 1995).

Herbert Gintis, "School Choice: A Discussion with Herbert Gintis," *Education Policy Analysis* 2,6 (February 1994)

with Samuel Bowles, "Democratic Firms and the Distribution of Wealth," in Andreu Mas-Colell and John Roemer (eds.) *Property Relations, Incentives, and Welfare* (Oxford: International Economic Association, forthcoming).

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- with Samuel Bowles, "Is the Demand for Workplace Democracy Redundant in a Liberal Economy?," in Ugo Pagano and Robert Rowthorn (eds.) *Democracy and Efficiency in the Economic Enterprise* (1996):64–81.
- with Samuel Bowles, "The Distribution of Wealth and the Viability of the Democratic Firm," in Ugo Pagano and Robert Rowthorn (eds.) *Democracy and Efficiency in the Economic Enterprise* (1996):82–115 .
- "Taking Effort Seriously," *Metroeconomica* (42,2) (June 1995):202–210.
- with Samuel Bowles, "Credit Market Imperfections and the Incidence of Worker Owned Firms," *Metroeconomica* 45,3 (October 1994):209-223.
- with Samuel Bowles, "Democratic Demands and Radical Rights," preface the Turkish translation of *Democracy and Capitalism* (Istanbul: Ayrinti Yayinlari, 1994)
- with Samuel Bowles, "Broken Promises: School Reform in Retrospect," in Alan R. Sadovnik, Peter W. Cookson, Jr., and Susan F. Semel *Exploring Education: An Introduction to the Foundations of Education* (Boston: Allyn and Bacon, 1994):95-122.
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- with Gerald Epstein, "Macroeconomic Policies for Sustainable Growth," in Epstein and Gintis (eds.) *Macroeconomic Policy After the Conservative Era: Research on Investment, Savings, and Finance* (Cambridge: Cambridge University Press, 1994).
- Review of Scott Gordon, "The History and Philosophy of Social Science," *Journal of Economic Literature* (June 1993):886–887
- with Samuel Bowles, "Preface," to the Japanese edition of *Democracy and Capitalism*, Yoshi Tsuru (trans) (Tokyo: Ohmua Shoten, 1993).
- with Samuel Bowles, "Memo to Clinton: Economics," *Tikkun* 8,1 (1993):16–20.
- with Samuel Bowles, "Accountability Through Competition on a Level Playing Field," *Committee on the Political Economy of the Good Society* 3,2 (Summer 1993):13–17.
- with Samuel Bowles, "A Political and Economic Case for the Democratic Enterprise," *Economics and Philosophy* 9 (1993):75–100.
- with Samuel Bowles, "The Democratic Firm," in David Copp, Jean Hampton, and John Roemer (eds.) *The Idea of Democracy* (Cambridge: Cambridge University Press, 1993):375–399.

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- with Samuel Bowles, "The Revenge of *Homo Economicus*: Contested Exchange and the Revival of Political Economy," *Journal of Economic Perspectives* 7,1 (Winter 1993):83–102. Reprinted in *Why Economists Disagree: An Introduction to Contemporary Schools of Thought*, David L. Prychitko (ed.) (SUNY Press: New York, 1996).
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- with Samuel Bowles, "Learning and Choosing: A Post-Liberal Democracy," *New Education* 14,2 (1992):37–52.
- "New Economic Rules of the Game," *Challenge* 35,5 (September-October, 1992):47–53.
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- with Samuel Bowles, "The Political Economy of Contested Exchange," in Thomas E. Wartenberg (ed.) *Rethinking Power* (New York: SUNY Press, 1992):196–224.
- "Pour une Societe Democratique Post-Liberale," in Gerard Boismenu, Pierre Hamel, and Georges Labica (eds.) *Les Formes Modernes de la Democratie*, les editions l'Harmattan (Paris, 1992):263–274.
- "Poverty and Wealth," *The Margin*, October, 1991.
- "Homo Economicus: Idiot Savant of Economic Theory," *The Margin*, January, 1991.
- "The Future of Socialism," *The Margin*, March, 1991.
- "Where Did Schumpeter Go Wrong?: Understanding *Capitalism, Socialism, and Democracy*," *Challenge* (1991).
- with Samuel Bowles, "The Economy Produces People: An Introduction to Post-Liberal Democracy," in Michael Zweig (ed.) *Religion and Economic Justice* (Philadelphia, Temple University Press, 1991):221–245.
- with Gerald Epstein, "International Capital Markets and the Limits of National Economic Policy," in Tariq Banuri and Juliet B. Schor, *Financial Openness and National Autonomy* (Oxford: Clarendon, 1990).
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- “Financial Markets and the Political Structure of the Enterprise,” *Journal of Economic Behavior and Organization* 11 (1989):311–322.
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- “The Principle of External Accountability in Financial Markets,” in Masahiko Aoki, Bo Gustafsson, and Oliver Williamson (eds.) *The Firm as a Nexus of Treaties* (New York: Russell Sage, 1989).
- with Samuel Bowles, “Democratic Demands and Radical Rights,” *Socialist Review* (November 1989):1–17.
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- review of G. Peter Penz, *Consumer Sovereignty and Human Interest*, *Journal of Economic Literature* 26 (March 1988):98–99.
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- with Samuel Bowles “Reply to Our Critics,” in Mike Cole, *Bowles and Gintis Revisited: Schooling in Capitalist America Ten Years Later* (London, Helm Croom, 1988).
- review of John Roemer, “Analytical Marxism,” *American Political Science Review* (1987).
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