CURRICULUM VITAE EDMUND S. PHELPS

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Born: July 26, 1933; Evanston, Illinois, U.S.A., Citizenship: USA. Education: Ph.D., 1959, Yale University; B.A., 1955, Amherst College.

SHORT BIOGRAPHY

Edmund Phelps, the winner of the 2006 Nobel Prize in Economics, is Director of the Center on Capitalism and Society at Columbia University. Born in 1933, he spent his childhood in Chicago and, from age six, grew up in Hastings-on Hudson, N.Y. He attended public schools, earned his B.A. from Amherst (1955) and got his Ph.D. at Yale (1959). After a stint at RAND, he held positions at Yale and its Cowles Foundation (1960 - 1966), a professorship at Penn and finally at Columbia in 1971. He has written books on growth, unemployment theory, recessions, stagnation, inclusion, rewarding work, dynamism, indigenous innovation and the good economy.

His work can be seen as a lifelong project to put "people as we know them" into economic theory. From the mid-'60s to the early '80s, beginning with the "Phelps volume," *Microeconomic Foundations of Employment and Inflation Theory* (1970), he emphasized that workers, customers and companies must make many decisions without full or current information; and they improvise by forming expectations to fill in for the missing information. In that framework, he studied wage-setting, mark-up rules, slow recoveries and over-shooting. This served to underpin Keynesian tenet: a cut in the money supply will not merely cause prices and wages to drop without a prolonged effect on employment.

From the mid-'80s to the late '90s, he put aside the short-termism of Chicago and monetarism of MIT to develop a "structuralist" macroeconomics. Contrary to what Keynesian extremists see as unending and unexplained deficiency of "demand," he sees employment heading to its "natural" level and seeks to explain the effects of structural forces on it. His book *Structural Slumps* (1994) and later papers with Hian Teck Hoon and Gylfi Zoega find that an economy's natural employment level is contracted by increases in household wealth, in overseas interest rates and by currency weakness. Thus, the big job losses in the US, UK and France result from the pile-up of wealth and puny investment, both stemming from the slowdown of productivity growth.

Now he has worked to put economics on a new foundation. Powerful innovation over more than a century alters the nature of the advanced economies: Having higher income or wealth matters less. As his book *Rewarding Work* (1997) begins to argue, what matters more are non-material rewards of work: being engaged in projects, the delight of succeeding at something and the experience of flourishing on an unfolding voyage. His book *Mass Flourishing* (2013) remarks that cavemen had the ability to imagine new things and the zeal to create them. But a culture liberating and inspiring dynamism is necessary to ignite a "passion for the new."

PRESENT POSITIONS

Member, Council on Foreign Relations, New York and Washington D.C., February 2008-.

Director, Center on Capitalism and Society, Columbia University, 2001 –.

Editorial Columnist, Project Syndicate, 1997 –.

McVickar Professor of Political Economy, Columbia University, 1983 –.

PAST POSITIONS

Dean, New Huadu Business School, Minjiang University, 2010 – 2016.

Visiting Professor Overseas, Università di Roma 'Tor Vergata', 1987-1999.

Visiting Professor Overseas, Institut d'Etudes Politiques, 1985, Colson Chair 1989, 1992, 1995, 1997, 1999.

Consultant, Organization for Economic Cooperation and Development, Paris, France, March 1999.

Co-Organizer, Villa Mondragone International Seminar, University of Rome 'Tor Vergata,' Rome, Italy, 1988-98.

Policy Consultant, Observatoire Français des Conjunctures Economiques, Paris, France, 1990-93.

Editor, *EBRD Economic Review: Annual Economic Outlook*, London: European Bank for Reconstruction and Development, 1993.

Resident Consultant, European Bank for Reconstruction and Development, 1992–93.

Advisory Editor in Economics, W.W. Norton and Company, New York, 1970-90.

Visiting Professor Overseas, University of Paris-Dauphine, 1990.

Co-director with A. Leijonhufvud, International School of Economic Research, University of Siena, Siena, Italy, 1987-1990.

Visiting Professor Overseas, University of Mannheim, 1982, 1988.

Visiting Professor, John Hopkins SAIS, 1986.

Visiting Professor Overseas, European University Institute, 1983, 1986.

Visiting Professor Overseas, University of Munich, 1984.

Visiting Professor Overseas, University of Stockholm Institute of International Economic Studies, 1984.

Consultant, Research Department, International Monetary Fund, Washington DC, 1983.

Professor of Economics, Columbia University, 1971–77, 1978–82.

Visiting Professor Overseas, Getulio Vargas Foundation, 1981.

Visiting Professor Overseas, University of Amsterdam, 1980.

Visiting Professor Overseas, Universidad del CEMA, Buenos Aires, 1979-80.

Professor of Economics, New York University, 1978–79.

Consultant, U.S. Senate Finance Committee, Social Security Panel, Washington DC, 1974.

Wesley C. Mitchell Research Professor, Columbia University, 1974.

Board of Editors, American Economic Review, Pennsylvania, 1971-73.

Director, Conference on Altruism and Economics, Russell Sage Foundation, New York, 1972.

Consultant, Economics Department, First National City Bank, New York, 1971.

Consultant, U.S. Commission on Population Growth and the American Future, Washington DC, 1971.

Professor of Economics, University of Pennsylvania, 1966–71.

Consultant, U.S. Treasury Department, Washington DC, 1969.

Special Non-Resident Senior Staff Member, Brookings Institution, Washington DC, 1968-69.

Associate Professor of Economics, Yale University and Staff Member, Cowles Foundation, 1963–66.

Visiting Associate Professor of Economics, Massachusetts Institute of Technology, 1962–63.

Assistant Professor of Economics, Yale University, and Member, Cowles Foundation, 1960–62.

Economist, RAND Corporation, 1959–60.

Assistant Instructor in Economics, Yale University, 1958–59.

HONORARY DOCTORATES AND PROFESSORSHIPS

Doctorate *honoris causa*, Libera Università Internazionale degli Studi Sociali Guido Carli, Rome, Italy, January 18, 2018.

Honorary Professor, Saint-Petersburg Academy of Management and Economics, St. Petersburg, Russia, May 8, 2010.

Doctorate honoris causa, Université Libre de Bruxelles, Brussels, Belgium, May 5, 2010.

Honorary Professorship, Turar Kyskulov, Kazakh Economic University, Almaty, Kazakhstan, April 27, 2010.

Honorary Professorship, Eurasian Economic Club of Scientists, Astana, Kazakhstan, March 11, 2009.

Honorary Doctorate, La Mantanza, Buenos Aires, Argentina, May 23, 2008.

Honorary Professorship, Tsinghua University, Beijing, China, September 2007.

Doctorate *honoris causa*, University of Buenos Aires School of Law, Buenos Aires, Argentina, May 2007.

Doctorate honoris causa, Institut d'Etudes Politiques de Paris, Paris, France, July 2006.

Honorary Professorship, Beijing Technological and Business University, Beijing, China, June 2005.

Honorary Professorship, Mundell University of Entrepreneurship, Beijing, China, June 2005.

Doctorate honoris causa, University of Iceland, Reykjavik, Iceland, October 2004.

Doctorate honoris causa, University of Paris-Dauphine, Paris, France, July 2004.

Honorary Professorship, Renmin University, Beijing, China, May 2004.

Doctorate *honoris causa*, Universidade Nova de Lisboa, Lisbon, Portugal, October 2003.

Doctorate honoris causa, University of Mannheim, Mannheim, Germany, June 2001.

Doctorate honoris causa, University 'Tor Vergata,' Rome, Italy, June 2001.

Doctor of Humane Letters, honoris causa, Amherst College, Massachusetts, 1985.

HONORS, AWARDS, AND FELLOWSHIPS

Named among China's 40 most influential foreign experts by the State Administration of Foreign Experts, Beijing, April 14, 2018.

Distinguished Professor Award, University of Rome Tor Vergata, Rome, Italy, June 26, 2018.

Academician of Honor, The Royal European Academy of Doctors, Barcelona, Spain, May 19, 2017.

Lifetime Contribution Award of International Federation of Finance Museums, Beijing, China, October 31, 2015.

Wilbur Lucius Cross Medal, Yale University, Connecticut, October 14, 2014.

China Friendship Award, Beijing, China, September 30, 2014.

Senior Fellow, Italian Academy for Advanced Studies, Columbia University, New York, January 13, 2009.

Catedra Phelps, Universidad Nacional de Buenos Aires, Argentina, Inaugurated May 20, 2008.

Visiting Research Fellow, L'Observatoire Française des Conjonctures Économique, Paris, France, 2000-2013.

Honorary Patron, University Philosophical Society of Trinity College, Dublin, Ireland October 16, 2012.

President's Medal, National University of Ireland, Galway, Ireland, October 15, 2012.

Mendeleev Medal for Achievement in the Sciences, St. Petersburg, Russia, October 9, 2012.

Louise Blouin Award for Creative Leadership, New York, September 19, 2011.

Premio Pico della Mirandola, with Mario Draghi and, posthumously, Luciano Pavarotti, Mirandola, Italy, July 4, 2008.

Global Economy Prize, Institut für Weltwirtschaft, Kiel, Germany, June 22, 2008.

Huesped Ilustre de la Ciudad de Buenos Aires, Legislatura de la Ciudad de Buenos Aires, Argentina, May 22, 2008.

Chevalier of the National Order of the Légion d'Honneur, Paris, France, Decree of February 26, 2008, ceremony June 29, 2009.

Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel, Royal Swedish

Academy of Sciences, Stockholm, Sweden, December 10, 2006.

Distinguished Fellow, American Economic Assn., Tennessee, 2000.

Kenan Enterprise Award, University of North Carolina, Chapel Hill, North Carolina, 1996.

Fellow, New York Academy of Sciences, New York, elected 1996.

Visiting Scholar, Russell Sage Foundation, New York, 1993-94.

Research Grant, National Science Foundation, Virginia, 1967-68, 1973-1980, 1982-86, 1988-89.

Visiting Scholar, Research Department, International Monetary Fund, Washington DC, 1988.

Visiting Scholar, Fiscal Affairs Department, International Monetary Fund, Washington DC, 1985.

Visiting Scholar, Banca d'Italia, Rome, Italy, 1985.

Fellow, Guggenheim Foundation, New York, 1978.

Fellow, Center for the Advanced Study in the Behavioral Sciences, Stanford University, California, 1969-70.

Fellow, Econometric Society, New York, elected 1966.

Faculty Research Fellowship, Social Science Research Council, New York, 1965-66.

Sterling Fellowship, Yale University, Connecticut, 1957-58.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Academic Advisory Council, Institute of New Structural Economics, Peking University, Beijing, 2018 -.

Juror, Rei Jaume I Prize in Economics, 2018 -

Member, The Global Future Council on Economic Growth and Social Inclusion, World Economic Forum 2016 –2017.

Member, Global Agenda Council on the Economics of Innovation, World Economic Forum, 2014.

Full Foreign Member, Russian Academy of Sciences, St. Petersburg, Russia, December 22, 2011; inducted October 9, 2012 -.

Advisory Board, New York Forum, New York, April 12, 2010.

Board of Advisors, Legatum Center for Development & Entrepreneurship, MIT, Massachusetts April 24, 2009.

Miembro de Honor, Assn. de Economistas y Contadores de Cuba, Havana, Cuba, March 3, 2009.

Member, Economic Club of New York, New York, February 2009 -.

Honorary Member, European Academy of Sciences and Arts, Salzburg, Austria, September 29, 2008-.

Honorary Member, International Raoul Wallenberg Foundation, New York, August 18, 2008.

Member, Network Global Agenda Councils of the World Economic Forum, May 22, 2008.

Corresponding Member, Academia Nacional de Ciencias Morales y Politicas, Buenos Aires, Argentina, July 11, 2007.

Senior Advisor, Strategic Project, Italy in Europe, Consiglio delle Ricerche, 1997–2000.

Comitato Scientifico, Center for Economic and International Studies, University of Rome 'Tor Vergata,' Rome, Italy, 1990-99.

Advisory Board, Economic Notes, Banca Monte dei Paschi di Siena, Siena, Italy, 1988-98.

Vice-Chair, Economics, New York Academy of Sciences, New York, 1985-95.

Economic Advisory Board, European Bank for Reconstruction and Development, London, UK, 1990-93.

Nominating Committee, Economics Department, European University Institute, Florence, Italy, 1986-88.

President, International Atlantic Economic Society, Georgia, 1983-84.

Vice President, American Economic Assn., Tennessee, 1983; Executive Committee, 1976-78.

Member, National Academy of Sciences, Washington DC, elected 1982.

Member, American Academy of Arts and Sciences, Massachusetts, elected 1980.

Senior Advisor, Brookings Panel on Economic Activity, Brookings, Washington DC, 1976.

Member, Task Force on Inflation of the President-Elect, Washington DC, 1968.

BOOKS

Dynamism: The Values that Drive Innovation, Job Satisfaction, and Economic Growth, with Raicho Bokilov, Hian Teck Hoon, and Gylfi Zoega (Cambridge, MA: Harvard University Press, 2020).

Mass Flourishing: How Grassroots Innovation Created Job Satisfaction and Economic Growth (Princeton, NJ: Princeton University Press, 2013). Trans.: Chinese (Beijing: CITIC Press, 2013), Japanese (Tokyo: The Sakai Agency, 2013), Russian (Moscow: Mockba, 2015), Korean (Seoul: The Open Books Co., 2016), Spanish (Barcelona: RBA, 2017), French (Paris: Odile Jacob, 2017).

Rethinking Expectations: the Way Forward for Macroeconomics, ed. with Roman Frydman, (Princeton, NJ: Princeton University Press, 2012).

"Macroeconomics for a Modern Economy," repr. from *Les Prix Nobel 2006* (Stockholm: Edita Norstedts Trckeri, 2007). Also in *American Economic Review* 97, no. 3 (June 2007): 543-561. (Nobel Prize Lecture in Economics, Royal Swedish Academy of Sciences, Stockholm Sweden, December 8, 2006.)

Designing Inclusion: Tools to Raise Low-end Pay and Employment in Private Enterprise, ed. and contrib. (Cambridge: Cambridge University Press, 2003).

Knowledge, Information and Expectations in Modern Macroeconomics in honor of Edmund S. *Phelps*, Festschrift Volume, eds. Aghion, Frydman, Stiglitz and Woodford (Princeton, NJ: University Press, 2003) .(Festschrift Conference in honor of Edmund S. Phelps, Columbia University, NY, October 5-6, 2001.)

Enterprise and Inclusion in Italy (New York: Springer, 2002).

Structural Slumps: The Modern Equilibrium Theory of Employment, Interest and Assets, with H.T. Hoon, G. Kanaginis, & .G Zoega (Cambridge, MA: Harvard University Press, 1994). Trans.: Chinese (Beijing: China Economics, 2003).

Rewarding Work: How to Restore Participation and Self-Support to Free Enterprise (Cambridge, MA: Harvard University Press, 1997). Trans.: Italian (Rome: Laterza, 1999), Korean (Seoul: Korea Economic Daily & Business Publications, 1999), French (Paris: Economica, 2007).

Recent Developments in Macroeconomics, 3 Vols., ed. (Aldershot, UK: Edward Elgar Pub., 1991).

Seven Schools of Macroeconomic Thought: The Arne Ryde Lectures (Oxford: Oxford University Press, 1990). Trans.: Italian (Bologna: Il Mulino, 1991), Japanese (Tokyo, 1991). (Presented at the University of Lund, Lund, Sweden, May 1988.)

The Slump in Europe: Open Economy Theory Reconstructed, with Jean-Paul Fitoussi, (Oxford: Basil Blackwell, 1988). Trans.: Italian (Bologna: Il Mulino, 1989).

Political Economy: An Introductory Text (New York and London: W.W. Norton, 1985). Trans.: Spanish (Barcelona: Antoni Bosch, 1986), Italian (Bologna: Il Mulino, 1987), French (Paris: Fayard, 1990), Japanese (Tokyo: Bunshindo, 1990), Korean (Seoul: Kumho, 1990).

Individual Forecasting and Aggregate Outcomes: 'Rational Expectations' Examined, ed. and contrib. with Roman Frydman (Cambridge, UK: Cambridge University Press, 1983).

Studies in Macroeconomic Theory Volume 2: Redistribution and Growth (New York: Academic Press, 1980).

Studies in Macroeconomic Theory Volume 1: Employment and Inflation (New York: Academic Press, 1979).

Altruism, Morality and Economic Theory, ed. and contrib. (New York: Basic Books, 1975).

Economic Justice, ed. and contrib. (Harmondsworth, UK: Penguin, 1974).

Inflation Policy and Unemployment Theory (New York: W.W. Norton; London: Macmillan, 1972).

Microeconomic Foundations of Employment and Inflation Theory, with A.A. Alchian, C. C. Holt, John P. Gould, Sidney G. Winter, Donald F. Gordon, Dale T. Mortensen, Allan Hynes, Donald A. Nichols, Robert E. Lucas, Paul J. Taubman, and Leonard A. Rapping (New York: W.W. Norton, 1970; London: Macmillan, 1971).

Problem of the Modern Economic, ed. with Bela Balassa, William G Bowen, Edward C. Budd, Edwin Mansfield, Arthur M. Okun, and Gustav Ranis (New York: W.W. Norton, 1966).

The Goal of Economic Growth, ed. (New York: W. W. Norton, 1962; second edition, 1969).

Golden Rules of Economic Growth (New York: W.W. Norton, 1966; Amsterdam: North-Holland, 1967).

Fiscal Neutrality Toward Economic Growth (New York: McGraw-Hill Book Co., 1965).

Private Wants and Public Needs, ed. (New York: W.W. Norton, 1962; second edition, 1965).

SELECTED REVIEWS OF WORKS

"The Joys of Innovation: For Profit Only," Review of *Mass Flourishing: How Grassroots Innovation Created Jobs, Challenge, and Change*, Benjamin M. Friedman, *New York Review of Books* 62, no. 18, November 19, 2015.

- "The Eclectic Brilliance of Edmund Phelps," Review of *Mass Flourishing: How Grassroots Innovation Created Jobs, Challenge, and Change*, Paul DeRosa, *The American Interest* 2, no. 5, April 20, 2014.
- "Beyond the welfare state: Smaller government need not hurt the weak," Review of *Rewarding Work: How to Restore Participation and Self-Support to Free Enterprise*, *The Economist*, September 18, 1997.
- "Structural Slumps: Review," Michael Woodford, *Journal of Economic Literature* 32, no. 4, December 1994.
- "Structural Slumps: Review," The Economist 330, no. 7853, March 1994.
- "Review of *Political Economy: An Introductory Text* by Edmund S. Phelps," *Economic Journal* 1, no. 2 Fall 1987.

ARTICLES IN JOURNALS, BOOK CHAPTERS, AND CONFERENCE VOLUMES

- "Solving the Problem in Italy and Much of Western Europe," in *Yearning for Inclusive Growth and Development, Good Jobs and Sustainability,* ed. Luigi Paganetto (London: Springer, October 2019):1-5 .(Presented at the XXX Villa Mondragone International Economic Seminar, Rome, June 25, 2018.)
- "Opportunity to Be Innovation Leader," in *The Sleeping Giant Awakes: Global Views on China's Transformation after Four Decades of Reform and Opening-Up* (bilingual edition), ed. by China Watch, China Daily (Guangzhou: Guangdong People's Publishing House, 2019): 126-135.
- "Macro Perspectives: Bigger Problems than Corporate Governance," with Bruce Greenwald and Joshua Mitts, *Journal of Applied Corporate Finance* 31, no. 3 (Summer 2019). (Presented at the Columbia Law School Symposium "Corporate Governance 'Counter-Narratives': On Corporate Purpose and Shareholder Value(s)," New York, March 1, 2019.)
- "Desirable Directions of Structural Transformation," in *The Oxford Handbook of Structural Transformation*, ed. Célestin Monga and Justin Yifu Lin (Oxford: Oxford University Press, April 2019): 684-691.
- "A Vital People: A Necessity for a Good Economy," *Acta Oeconomica* 69, S1 (January, 2019): 241-248.
- (Adapted from Honorary Causa Ceremony speech, Libera Università Internazionale degli Studi Sociali Guido Carli, Rome, Italy, January 18, 2018.)
- "Misused Theories Behind Trump's Economic Policies," Capitalism and Society 13, no. 2

- (December 2018). (Adapted from presentation given at the 16th Annual Conference of the Center on Capitalism and Society, Columbia University, September 17, 2018.)
- "Values, Institutions and the Rise of Eastern Europe," with Gylfi Zoega, *Economics of Transition* Vol. 27, no. 1 (November 2018): 247–265.
- "The Dynamism of Nations: Toward a Theory of Indigenous Innovation," *Journal of Applied Corporate Finance* 30, no. 3 (2018). Reprinted from *Capitalism and Society* 12, no. 1 (May 2017).
- "Turning Around the Downward Spiral of Economic, Social and Political Cohesion," *Global Solutions Journal* 2 (September 2018): 232-240. (Presented as a keynote address at the Global Solutions Summit, Berlin, May 29, 2018.)
- "Deleterious Effects of Sustained Deficit Spending," Chap. 9 in *Toward a Just Society: Joseph Stiglitz and Twenty-first Century Economics*, ed. Martin Guzman (New York: Columbia University Press, 2018):196 -200. Previously Working Paper 88, Center on Capitalism and Society, October 2015.
- "America's Policy Thinking in the Age of Trump," *Journal of Policy Modeling* 40, no. 3 (April 2018): 509-514. Repr. in *Global Solutions Journal* 1, (May 2018): 97-102. Earlier version previously published as the op-ed "Economic Policymaking in the Age of Trump," in *Project Syndicate*, January 26, 2018. (Presented at the 130th Annual Meeting of the American Economic Assn., Philadelphia, PA, January, 2018.)
- "Dangers in a Repeat of Historic Corporatism," *Journal of Policy Modeling* 39, no. 4 (July-August, 2017): 611-615. Previously published as "Trump, Corporatism, and the Dearth of Innovation," in *Project Syndicate*, January 17, 2017; Working Paper No. 93 of the Center on Capitalism and Society, January 2017. (Presented at the 129th Annual Meeting of the American Economic Assn., Chicago, IL, January, 2017.)
- "What Is Wrong with the West's Economies?," *The New York Review of Books* 62, no. 13 (August 13, 2015): 54-56. Repr. in *Homo Oeconomicus* 33, no. 1-2 (August, 2016): 3-10.
- "Hayek's new ideas and present-day ones," *The Review of Austrian Economics* 28, no. 3 (September 2015): 253-256. (Presented at George Mason University, October 2, 2014.)
- "Rekindling Innovation," RSA Journal, iss. 2 (2014): 36-39.
- "Behind the Rise and Decline of Grassroots Dynamism," Chap. 2 in *Management and Economic Policy for Development*, ed. Grzegorz W. Kolodko (New York: Nova Science Publishers, 2014). (Delivered as the keynote speech, "How Dynamism Was Born and Why It Has Declined," at the conference Management and Economic Policy for Development, Kozminski University, Warsaw, Poland, October 10, 2013.)
- "Which Way Forward for Macroeconomics and Policy Analysis?," with Roman Frydman, in

- *Rethinking Expectations*, eds. Frydman and Phelps (Princeton, NJ: Princeton University Press, 2013): 1-46.
- "Indeterminacies in Wage and Asset Price Expectations," in *Rethinking Expectations*, eds. Frydman and Phelps (Princeton, NJ: Princeton University Press, 2013): 277-300.
- "Mass Flourishing: How It Was Won, Then Largely Lost. Part 2," *OECD Insights* (August 20, 2013).
- "Mass Flourishing: How It Was Won, Then Largely Lost," OECD Insights (August 19, 2013).
- "Corporatism and Job Satisfaction," with Gylfi Zoega, *Journal of Comparative Economics* 41, no. 1 (2013): 35-47.
- "Refounding Capitalism," Chap. 18 in *The Oxford Handbook of Capitalism*, ed. Dennis C. Mueller (New York: Oxford University Press, 2012). Previously published in *Capitalism and Society* 4, no. 3, art. 2 (2009).
- "Introduction: Gauging and Explaining Economic Performance in Continental Europe," with H.-W. Sinn., in *Perspectives on the Performance of the Continental Economies*, eds. Phelps and Sinn. (Cambridge, MA: MIT Press, 2011):1-26.
- "Development with Justice," in *Tracking Globalization: Debates on Development, Freedom and Justice*, ed. J.S. Sodhi (New Delhi: Penguin Books, 2011): 74-87. (Presented as a keynote lecture at the Annual Bharat Ram Memorial Seminar, New Dehli, India, January 14, 2008.)
- "Economic Culture and Economic Performance: What Light is Shed on the Continent's Problem," in *Perspectives on the Performance of the Continental Economies*, eds. Phelps and Sinn. (Cambridge, MA: MIT Press, 2011): 447-482. (Presented at CESifo/CCS Joint Conference, San Servolo (Venice), Italy, July 21-22, 2006.)
- "Post-crisis Economic Policies," *Journal of Policy Modeling* 32, no. 5 (September-October 2010): 596-603.
- "Wanted: A First National Bank of Innovation," with Leo M. Tillman, *Harvard Business Review* (January-February 2010).
- "Three Short Papers: Past, Present, Future," in *The Future of Money*, ed. Oliver Chittenden (New York: Random House, 2010): 319-326.
- "Capitalism vs. Corporatism," Critical Review 21, no. 4 (January 11, 2010): 401-414.

"Entrepreneurship, Culture and Openness," with Gylfi Zoega, in *Entrepreneurship and Openness: Theory and Evidence*, eds. David B. Audretsch, Robert E. Litan, Robert Strom. (Northampton, MA: Edward Elgar Pub., Inc., 2009): 101 – 130.

- "Toward a Model of Innovation and Performance Along the Lines of Knight, Keynes, Hayek, and M. Polanyí," in *Entrepreneurship, Growth, and Public Policy*, eds. Zoltan J. Acs, David B. Audretsch, Robert Strom (Cambridge, UK: Cambridge University Press, 2009): 35-70. (Presented at the Max Planck Institut, Ringberg Castle Tegernsee, Munich, Germany, May 8-9, 2006)
- 'The Uncertain Direction of the World Economy,' *Journal of Policy Modeling* 31, no. 4 (July-August 2009): 493-497.
- "Getting Serious about Job Creation: Part 1," with Aaron Edlin, *The Economists' Voice*, Berkeley Electronic Press, April 27, 2009.
- "Commentary: Revolutionary Times, Then and Now," *Capitalism and Society* 3, no. 3, art. 5, (January 2009).
- "Interest Rate Setting in the Presence of Investment Prospects and Knightian Uncertainty," in *Macroeconomics in the Small and the Large: Essays on Microfoundations, Macroeconomic Applications and Economic History in Honor of Axel Leijonhuvud*, ed. Roger E.A. Farmer (Cheltenham, UK: Edward Elgar Pub., December, 2008): 44-73.
- "Commentary: Revolutionary Times, Then and Now," *Capitalism and Society* 3, no. 3, art. 5 December 2008.
- "Foreword" in Financial Darwinism, Leo Tilman (New York: Wiley, December 2008): ix -xiv.
- "Foreword" in *Rebuilding War-Torn States*, Graciana del Castillo (Oxford: Oxford University Press, October 2008): vii-x.
- "Foreword" in *Imperfect Knowledge Economics: Exchange Rates and Risk*, Roman Frydman and Michael D. Goldberg (Princeton: Princeton University Press, August 2007): xiii-xxii.
- "The Good Life and the Good Economy: The Humanist Perspective of Aristotle, the Pragmatists and the Vitalists, and the Economic Justice of John Rawls," in *Arguments for a Better World: Essays in Honor of A. Sen*, eds. K. Basu and R. Kanbur (Oxford: Oxford University Press, 2008): 35-49. (Presented as part of the annual lecture series "Aristotle and the Moderns," Low Library, Columbia University, NY, October 3, 2007.)
- "Corporatism and Keynes: His Philosophy of Growth," in *Revisiting Keynes: Economic Possibilities for our Grandchildren*, eds. L. Pecchi and G. Piga (Cambridge, MA: MIT Press, 2008): 95-104; in Keynes's General Theory After Seventy Years, R.W. Diamand, R.A. Mundell, and A. Vercelli, eds. (London: Palgrave Macmillan: 2010): 91-100. (Presented at the International Economic Assn.'s conference "Keynes' General Theory after Seventy Years," Siena, Italy, July 4, 2006.)

- "How Should Economists Model the Future?" *Finance and Sustainable Development: Opposition or Partnership?*, eds. Jean-Michel Lasry, Damien Fessler, and Pierre-André Chiappori (Paris: Economica, 2008): 14-20.
- "The Bad Side Effects of Forcing Good Behavior," in *Creative Capitalism: A Conversation with Bill Gates, Warren Buffett and other Economic Leaders*, ed. M. Kinsley (New York: Simon & Shuster, 2008).
- "A Structuralist Model of the Small Open Economy in the Short, Medium and Long Run," with Hian Teck Hoon, *Journal of Macroeconomics* 29, no. 2 (June 2007): 227-254.
- "The Economic Performance of Nations: Prosperity Depends on Dynamism, Dynamism on Institutions," in *Entrepreneurship, Innovation, and the Growth Mechanism of Free Enterprise Economies*, eds. Eytan Sheshinski, et al. (Princeton, NJ: Princeton University Press, 2007): 342-356. (Presented at the 118th Annual Meeting of the American Economic Assn., William Baumol Special Session on Entrepreneurship, Innovation and the Growth Mechanism of the Free-market Economies, Boston, MA, January 2006.)
- "Future Fiscal and Budgetary Shocks," with Hian Teck Hoon, *Journal of Economic Theory* 143, (November 2006): 499-518.
- "Understanding the Great Changes in the World: Gaining and Losing Ground Since World War II," *Capitalism and Society* 1, no. 2, art. 2 (September 2006).
- "The Continent's High Unemployment: Possible Institutional Causes and Some Evidence," in *Structural Unemployment in Western Europe: Reasons and Remedies*, ed. Martin Werding (Cambridge, MA.: MIT Press, 2006): 53-74. (Presented as a keynote lecture at the Conference on Unemployment in Europe, CESifo, Munich, December 1-2, 2002.)
- "Prospective Shifts, Speculative Swings: "Macro" for the Twenty-First Century in the Tradition Championed by Paul Samuelson," Chap. 4 in *Samuelson Economics and the Twenty-First Century*, ed. Michael Szenberg, et al. (Oxford: Oxford University Press, 2006). (Previously presented as "Changing Prospects, Speculative Swings: The Links through Real Asset Prices and Exchange Rates," at the Conference on Swings and Growth, Reykjavik, June 2004.)
- "La Contre-Performance de l'Europe Continentale: Le lien entre institutions, dynamisme et prospérité," trans. Éloie Laurent, *Revue de l'OFCE* 93, no.1 (2005): 9-41.
- "Entrepreneurship and Innovation in Capitalist Systems," in *Understanding Entrepreneurship* (Kauffman Foundation: Kansas City, 2005): 26-30.
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- "Notes on Optimal Monetary Growth and The Optimal Rate of Growth of Money: Comment," to J. Tobin and A. L. Marty, *Journal of Political Economy* 76, no. 4, pt. 2 (July-August 1968): 881-885.
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- "Phillips Curves, Expectations of Inflation and Optimal Unemployment over Time: Reply," to J.W. Williamson, *Economica* 35, no. 139 (August 1968): 288-296.
- "On Second-Best National Saving and Game-Equilibrium Growth," with R.A. Pollak, *Review of Economic Studies* 35, no. 2 (April 1968): 185-199. Repr. *Studies in Macroeconomic Theory Vol.* 2: *Redistribution and Growth*, Edmund Phelps (New York: Academic Press, 1980): 201-216.
- "Phillips Curves, Expectations of Inflation and Optimal Unemployment over Time," *Economica* 34, no. 135 (August 1967): 254-281. Repr. in *Studies in Macroeconomic Theory Vol. 1: Employment and Inflation*, Edmund Phelps (New York: Academic Press, 1979): 195-222.
- "A Model of Induced Invention, Growth and Distribution," with E.M. Drandakis, *Economic Journal* 76, no. 304 (December 1966): 823-840. Rev. "Induced Invention, Growth and Distribution—," in *Studies in Macroeconomic Theory Vol. 2: Redistribution and Growth*, Phelps (NY: Academic Press, 1980): 111-128.
- "Investments in Humans, Technological Diffusion and Economic Growth," with R.R. Nelson, *American Economic Review: Papers and Proceedings* 56, no. 1-2 (May 1966):69-75. Repr. in *Human Capital Formation and Manpower Development*, ed. R.A. Wykstra (New York, Free Press, 1971): 93-100; *Studies in Macroeconomic Theory Vol. 2: Redistribution and Growth*, Edmund Phelps (New York: Academic Press, 1980): 133-140.
- "Models of Technical Progress and the Golden Rule of Research," *Review of Economic Studies* 33, no. 2 (April 1966): 133-145.
- "Factor Price Frontier Estimation of a 'Vintage' Production Model of the Postwar U.S. Non-Farm Business Sector," with C. Phelps, *Review of Economics and Statistics* 48, No. 3 (August 1966): 251 -265.
- "Second Essay on the Golden Rule of Accumulation," *American Economic Review* 55, no. 4 (September 1965):793-814.
- "Anticipated Inflation and Economic Welfare," *Journal of Political Economy* 73, no. 1 (February 1965): 1-17. Repr. in *Studies in Macroeconomic Theory Vol. 1: Employment and Inflation*, Edmund Phelps (New York: Academic Press, 1979): 125- 142.
- "The New View of Investment: Reply," with M.E. Yari to R.C.O. Matthews, *Quarterly Journal of Economics* 78, no. 1 (February 1964): 172-176.
- "Substitution, Fixed Proportions, Growth, and Distribution," *International Economic Review* 4, no. 3 (September 1963): 265 -288. Repr. in *Studies in Macroeconomic Theory Vol. 2: Redistribution and Growth*, Edmund Phelps (New York: Academic Press, 1980): 87-110.

"The End of the Golden Age in Solovia: Comment," to I. F. Pierce, *American Economic Review* 52, no. 5 (December 1962): 1097 -1099.

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"The Accumulation of Risky Capital: A Sequential Utility Analysis," *Econometrica* 30, no. 4 (October 1962): 729-743. Repr. in *Risk Aversion and Portfolio Choice*, eds. D.H. Hester and J. Tobin (New York: Wiley, 1968): 139-153; *Investment Portfolio Decision-Making*, eds. J.L. Bicksler and P.A. Samuelson (Lexington, MA: Lexington Books, 1974); *Studies in Macroeconomic Theory Vol. 2: Redistribution and Growth*, Edmund Phelps (New York: Academic Press, 1980): 169-184.

"The Golden Rule of Accumulation: A Fable for Growthmen," *American Economic Review* 51, no. 4 (September 1961): 638-643. Repr. in *Readings in Economic Growth Theory*, ed. Amartya K. Sen (Harmondsworth, UK: Penguin Books, 1970): 496-533; *Studies in Macroeconomic Theory Vol. 2: Redistribution and Growth*, Edmund Phelps (New York: Academic Press, 1980): 23-28.

"A Test for the Presence of Cost Inflation in the U.S. Economy 1955-57," *Yale Economic Essays* 1, no. 1 (New Haven, CT: Yale Press, January 1961): 28 -69.

KEYNOTE SPEECHES, LECTURES, PANELS, ETC.

"Comments on the U.S. Recovery after COVID-19," Conference Call Presentation, Council on Foreign Relations, April 22, 2020.

"Dynamism and Inclusion Once More: What? Why? How?," Speech delivered by video, IX Phelps Congress, Buenos Aires, Argentina, December 12, 2019.

"Free to Do What with Our Lives?," Speech, Berlin Wall 30, Berlin, November 9, 2019.

"Future of Commerce: Sustainable Capitalism," Panel, Global Dream Forum, New York, October 21, 2019.

"Introductory Remarks" and "'Isms' Galore: Reflections on Deficits, Taxes and Systems," Speeches, Progressivism, Socialism, Nationalism: What Room for Innovation and 'Creative Destruction'? For Economics Justice to the Least Advantaged? For Teaching Youth the Good Life?, 17th Annual Conference of the Center on Capitalism and Society, Columbia University, New York, October 7, 2019

- "Innovation Dialogue on the 40th Anniversary of BNBM Group," Roundtable, Beijing Future Science Park Innovation Forum, Beijing, China, August 27, 2019.
- "Artificial Intelligence, Welfare Economics and Ethics," Speech, Forum on AI and Asian Culture, Xinrui Business School, Beijing, China, August 26, 2019.
- "Commemorating the 30th Anniversary of Tor Vergata," Speech, 23rd International Consortium on Applied Bioeconomy Research Conference Ravello, Italy, June 6, 2019.

Speech, Universidad de Valencia, Valencia, Spain, June 3, 2019.

- "Nobel Laureates on Global Poverty," Panel, The Estorial Conferences, Estoril, Portugal, May 29, 2019.
- "Grassroots Innovation: Why and How," University Lecture at CSIC, Madrid, Spain, May 23, 2019.
- "Nobel Dialogues: The Future of Ageing," The Nobel Foundation, Madrid, Spain, May 22, 2019.
- "Chinese Dream and American Dream: Aspiring for a Better Life," Panel, China Development Forum, Beijing, March 23, 2019.
- "The Need for a Global Patent Market," Development Research Center of the State Council of the People's Republic of China, Beijing, March 22, 2019.
- "Macroeconomic Overview: US, China, and Europe" and "Industrial Policies, Frontier Innovation, New Technologies, and Entrepreneurship," Panels, China and the West: The Role of the State in Economic Growth, co-sponsored by Columbia University's SIPA, Tsinghua University's School of Economics and Management, and Peking University's Institute of New Structural Economics, Beijing, March 22, 2019.
- "Corporate Governance in the Context of Global Economic Circumstances," Panel, Corporate Governance Counter- Narratives, Ira M. Millstein Center, Columbia University Law School, New York, March 1, 2019.

Panel, Bureaucracy vs. Democracy Forum, Common Good and Center on Capitalism and Society, Columbia University, New York, February 19, 2019.

- "Introductory Remark," Italy's Policy Challenges: In Search of a New Course, Lecture of Italian Minister of Economy and Finance Giovanni Tria, Center on Capitalism and Society, Columbia University, New York, January 31, 2019.
- "Direction for Future Research in Economics," Panel, 50 Years of Teaching and Economic Research, Paris-Dauphine Université, Paris, January 15, 2019.

"40 Years of Chinese Economic Transformation," Panel, INET-INSE Joint Conference on New Structural Economics, Beijing, December 13, 2018.

"Yes to Nourishing Dynamism, No to Stimulating Demand," Lecture, The 26th TopTalk, Tsinghua University, Beijing, December 11, 2018.

Remarks, The International Symposium on the Economic Lessons Learned from China's 40 Years of Reform and Opening Up, Tsinghua University, Beijing, December 9, 2018.

"Values for Economic Dynamism," Speech, New York Summit, hosted by the Inspiring Committed Leaders Foundation, New York, October 22, 2018.

"Politics, Policy, and Risk," Panel, Risk: Retrospective Lessons & Prospective Strategies, co-hosted by Santa Fe Institute and Morgan Stanley, New York, October 4, 2018.

"Introductory Remarks" and "Trump and Economic Theory," Speeches, The Economic Consequences of Mr. Trump: Job, Wages, Trade, Growth, Health and Satisfaction, 16th Annual Conference of the Center on Capitalism and Society, Columbia University, New York, September 17, 2018.

"Two Kinds of Robots in Growth Models: An Introduction," Presentation, NBER Conference: The Economics of Artificial Intelligence, Toronto, September 13, 2018.

"Trying to Improve a Future that is Seriously Unknown," Keynote, The 2008 Global Financial Crisis in Retrospect, University of Iceland, Reykjavik, August 30-31, 2018.

"Innovation and China," Lecture, University Tor Vergata, Rome, Italy, June 26, 2018.

"Solving the Problem in Italy and Much of Western Europe," Keynote, XXX Villa Mondragone International Economic Seminar, Rome, Italy, June 25, 2018.

"The Case for Grassroots Innovation", Lecture, EDEM Business School, Valencia, Spain, June 4, 2018.

"Sola's Lessons on Contemporary Corporatism: What Implications for the Great Slowdown and the Needed Reforms?," Speech, Royal European Academy of Doctors Induction Ceremony of Juan Vincente Sola, Barcelona, June 1, 2018.

Brief Remarks, World Economic Forum Digital Economies Group Meeting, co-hosted by MIT and Columbia University SIPA, World Economic Forum Offices, New York, April 26, 2018.

"China's Transformation: A Decade of Innovation," Keynote, Global China Connection Summit, New York University, April 21, 2018.

"How Far Are we From the Next Financial Crisis?," Speech, China Development Forum, Beijing, China, March 24, 2018.

- "Changes in Chinese, US and European Economic Policy," and "The Role of Innovation and the Digital Economy: New Opportunities and Challenges for Governance," Speeches, China and the West: The Role of the State in Economic Growth Conference, sponsored by Columbia University SIPA and Tsinghua University, Beijing, China, March 22-23, 2018.
- "Transitioning to High-Quality Development," Speech, Meeting of Four Experts with Premier Li Keqiang, State Administration of Foreign Experts Affairs, Beijing, China, February 5, 2018.
- "A Vital People: A Necessity for a Good Economy," Acceptance Speech, Honorary Causa Ceremony, Libera Università Internazionale degli Studi Sociali Guido Carli, Rome, Italy, January 18, 2018; Rev. Working Paper 107, Center on Capitalism and Society, Columbia University, January 2018.
- "America's Policy Thinking in the Age of Trump," TrumpEconomics: A First Year Evaluation, Panel, Annual Meeting of the American Economic Assn., Philadelphia, Pennsylvania, January 5, 2018.
- "Right Values and Wrong Ones for an Economy of Dynamism," Keynote, Restoring American Economic Dynamism: New Solutions for America's Productivity Slowdown, sponsored by S&P Global and CFA Institute Research Foundation, Museum of American Finance, New York, NY, November 28, 2017. (Also presented at the video conference Ensuring A Dynamic, Innovative, and Flourishing Economy: Policy Thinking in the Age of Trump, hosted by *DisruptDC*, January 25, 2018.)
- "France: Becoming An 'Innovation Nation' Again," Keynote, Recontre de Bercy International Conference, Le Ministre de L'Economie et Des Finances, Paris, France, November 21, 2017.
- "The Age of the Individual 500 Years Ago Today," Opening Remarks; "Google Ngrams for Individualism: Do they Trace a Loss of Innovation," Panel, The Age of the Individual: 500 Years Ago Today, 15th Annual Conference of the Center on Capitalism and Society, Columbia University, New York, NY, October 31, 2017.
- "A Nation's Dynamism is Fundamental to Virtually Everything: So it is Crucial that We in Our Nation Get it Back," Keynote Speech, Solving Economic Inequality and the Productivity Crisis, sponsored by Ethical Capitalism Group and PRI, The United Nations Headquarters, New York, NY, October 10, 2017.
- "Saving the Environment," Keynote, The Second Green Economy Summit, sponsored by The Advanced Leadership Foundation, Córdoba, Argentina, October 5, 2017; Published in *Project Syndicate* "The Year Ahead 2018," January, 2018: 58-63.
- "An Underlying Sickness in the West: Societies Failing their Economies," Seminar, OECD, Paris, France, May 31, 2017.
- "Dealing with Labor Market Challenges in the Digital Economy" and "Economic Resilience --

- How the G20 Can Combat Populism and Protectionism," Panel, Global Solutions For G20: The Think 20 Summit, Berlin, Germany, May 29-30, 2017.
- "The Technology Revolution, Inclusive Growth, and the Future of Work," Lecture, IE Business School, Madrid, Spain, May 23, 2017.
- "Women: Leading Innovation in a Time of Change," Keynote Speech, Her Village International Forum, Beijing, China, March 22, 2017.
- "Women and the Economy," Seminar, Yale Center, Beijing, China, March 21, 2017.
- "Two Goals: Lowering Barriers to Innovation and Containing Resulting Job Loss," Keynote; "America First: Outlook and Global Impacts," Panel Remarks, China Development Forum 2017, Diaoyutai State Guesthouse, Beijing China, March 18, 2017.
- "Economics and Politics of Technological Advancement and Global Economic Integration," Panel, The World Economy and the Role of the State in Economic Growth Conference, Columbia University and Tsinghua University, Beijing, China, March 17, 2017.
- "The New EU Environment," Session 1 Introductory Remarks, Euro 50 Roundtable: EMU and the New Challenges Ahead for the European Union, European Parliament, Brussels, Belgium, March 7, 2017.
- "An Inclusive Mexican Economy," Keynote, México Incluyente Conference, The Aspen Institute, Mexico City, Mexico, February 23, 2017.
- "Nobels on Where Is the World Economy Headed?," Panel, Annual Meeting of the American Economic Assn., Chicago, Illinois, January 6, 2017.
- "The Economic Situation Abroad," Keynote, VIII Phelps Congress, Universidad de Buenos Aires, Buenos Aires, Argentina, November 30, 2016.
- "Behind Working Class Hurts," Opening Remarks, Agency, Prospering, Progress and the Working Class, 14th Annual Conference of the Center on Capitalism and Society, Columbia University, NY, November 18, 2016.
- "Council for Economic Growth and Social Inclusion," Participant, World Economic Forum Annual Meeting of the Global Future Councils, Dubai, UAE, November 13-14, 2016.
- "Present-Day Mistakes in Economic Policy—With Emphasis on Fiscal and Monetary Policy," Keynote, Annual Meeting of Latin American and Caribbean Economic Assn. and the Latin American Meetings of the Econometric Society, Universidad EAFIT, Medellin, Colombia, November 10, 2016.

- "The American Dream," Panel, The Free Market Road Show, Women's National Republican Club, New York, NY, October 11, 2016.
- "Unlocking the Potential of Europe," Panel Remarks, Global Implications of Europe's Redesign Conference, The European Money and Finance Forum, Société Generale's U.S. Headquarters, New York, NY, October 5, 2016
- "Two Kinds of Economic Life," Keynote, Blouin Creative Leadership Summit, Metropolitan Club, New York, NY, September 16, 2016; Luncheon Speech, China Development Forum, Beijing, China, March 20, 2016.
- "Grassroots Entrepreneurship and National Prosperity," Online Lecture, New Huadu Business School, Beijing, China, June 27, 2016.
- "Choosing Between Two Kinds of Economies in China and the West," Keynote, 4th Nobel Economist's Summit, New Huadu Business School Nobel Forum, Kunming, China, June 25, 2016.
- "Innovation and Prosperity in the Chinese Economy," Keynote, CCTV Road to Innovation Global Broadcast Ceremony, Chengdu, China, June 24, 2016.
- "Europe's Losses of Innovation: The Individual as well as Societal Harms," Speech, The Future of Europe: Drivers of Change, Spring Conference of The Center on Capitalism and Society, Oxford University, Oxford, UK, April 27, 2016.
- "Chinese Economy: The Art of Plus, Minus, Times and Divide" and "The Innovator's Dilemma," Panels, Boao Forum, Boao, China, March 25, 2016.
- "Discussant of Joseph Stiglitz Luncheon Speech," The Role of the State in Economic Growth in East Asia Conference, Columbia University Center on Global Economic Governance, Beijing, China, March 18, 2016.
- "Welcome Speech," China Entrepreneurship and Innovation Education Development Forum, New Huadu Business School, Beijing, China, March 17, 2016.
- "Rethinking the State of the World with Nobel Laureates in Economics" and "Productivity Growth Slowdown in the Age of the Fourth Industrial Revolution," Panels, World Economic Forum, Davos, Switzerland, January 22, 2016.
- "Overcoming Obstacles to a Good Economy For All," Presentation, State Administration of Foreign Experts Symposium, Beijing, China, January 12, 2016.

"Innovation: its Measurement, Cultural Sources, and Recent History," Panel; "Opening Remarks," Steps to Mass Flourishing: Social Values and Individual Experience, 13th Annual Conference of the Center on Capitalism and Society, Columbia University, NY, November 9, 2015.

"How Bottom Up Innovation Creates Mass Prosperity," Panel, Agenda 2016: Reviving U.S. Economic Growth, co-sponsored by the Progressive Policy Institute and the Richard Paul Richman Center for Business, Law, and Public Policy, Columbia University, NY, November 6, 2015.

Keynote Speech, New Huadu Business School 5 Year Anniversary, Beijing, China, November 1, 2015.

Acceptance Speech, Lifetime Contribution Award of International Federation of Finance Museums, Beijing, China, October 31, 2015.

Keynote Speech, Financial Museum Expo 2015, Beijing, China, October 31, 2015.

Keynote Speech, 2015 Beijing International Finance Expo, Beijing, China, October 29, 2015.

Keynote Speech, Shanghai 2015 Pujiang Innovation Forum, Shanghai, China, October 27, 2015.

"Macroeconomics and Growth," Panel, A Just Society: Columbia Business School Centennial Colloquium in Honor of Joseph Stiglitz, Columbia University, NY, October 16, 2015.

"The Future of the West," Keynote, Louise Blouin Creative Leadership Summit, NY, September 22, 2015.

Keynote Speech and Dialogue with Xiang Bing, Global Innovation Forum: APEC China Business Council, Beijing, China, September 14, 2015.

"Seven Schools of Macroeconomics Thought," Lecture, New Huadu Business School EMBA Macroeconomics Course, Beijing, China, September 13, 2015.

"Grassroots Entrepreneurship and National Prosperity," Keynote, New Huadu Business School EMBA 2015 Semester Opening Forum, Beijing, China, September 11, 2015.

Keynote Speech, Zhengdao Innovation Economic Forum, Beijing, China, July 5, 2015.

"Innovation Era and Mass Flourishing," Keynote, New Huadu Business School Management Forum, co-hosted with *Wings*, Beijing, China, July 1, 2015.

Reading and Panel on *Mass Flourishing*, Beijing, China, June 30, 2015.

Keynote Speech, New Huadu Business School Entrepreneurship Community Launching Ceremony, Beijing, China, June 30, 2015.

Commencement Address, New Huadu Business School, Fuzhou, China, June 28, 2015.

"What Might We Expect from the Belt & Road Initiatives," Keynote, 2015 Global Business Leaders' Summit: The 2nd Qingdao Forum, Qingdao, China, June 27, 2015.

"Decoding the Complexity of Innovation," Introductory Remarks, Special Conference co-hosted by the Center on Capitalism and Society and the World Economic Forum's Global Agenda Council on the Economics of Innovation, Columbia University, NY, May 11, 2015.

Luncheon Speech, World Bank Group's Global Practice for Macroeconomics & Fiscal Management Forum, Washington, DC, May 6, 2015.

Dinner Discussion, Columbia University Entrepreneurship Advisory Board Dinner, New York, April 16, 2015.

"Europe: The Current Situation and the Way Forward," Panel, Wolfgang Schäuble's 2015 Leaders in Global Economic Governance Lecture, Center on Global Economic Governance, Columbia University, New York, April 15, 2015.

"The Atlantic Economies Since the Crash: Secular Stagnation?," Panel, New York Review of Books Foundation Conference, Scandinavia House, New NY, March 14, 2015.

President's Lecture, University of Waterloo, Ontario, Canada, March 5, 2015.

"Mass Innovation through Grassroots Dynamism: The Gains in China," Speech, SAFEA Foreign Expert Symposium, Beijing, China, February 10, 2015.

Participant, World Economic Forum, Davos, Switzerland, January 19-24, 2015.

"Europe, America and China Have the Same Economic Problem," Keynote, 20th Anniversary of the New Huadu Group, Fuzhou, China, January 10, 2015.

"What Is to Be Done?," Panel, The Future of U.S. Economic Growth Conference, Cato Institute, Washington, D.C., December 4, 2014.

"Removing Obstacles to Innovation: Europe vs. the US," Keynote, Special Conference cohosted by the Center on Capitalism and Society and CEPS, Brussels, Belgium, November 20-21, 2014.

"Prospering and Flourishing Through Dynamism: The Importance of Indigenous Innovation," Keynote Speech, École Polytechnique Fédérale de Lausanne (EPFL), College of Management of Technology (CDM) 10th Anniversary Symposium, Lausanne, Switzerland, November 17, 2014.

Keynote Speech, Harvard Business School Club of Greece Event, Athens, Greece, November 21, 2014.

Participant, World Economic Forum Summit on the Global Agenda, Dubai, UAE, November 9-11, 2014.

"Reclaiming the Role of the Individual," Panel, The Future of the Individual: Regulation, Social Protection, Innovation and Accomplishment, 12th Annual Conference of the Center on Capitalism and Society, co-hosted with Common Good, The New York Times Building, NY, November 6, 2014.

Acceptance Speech, Wilbur Lucius Cross Medal, Yale University, New Haven, October 14, 2014.

"Hayek's New Ideas and Present-Day Ones," George Mason University, Mercatus Center, Virginia, October 2, 2014.

Acceptance Speech, China Friendship Award, Beijing, China, September 30, 2014.

Speech, CITIC Anniversary Celebration of *Mass Flourishing*, Tsinghua University, Beijing, China, September 14, 2014.

Keynote Speech, Xi'an Forum, Xi'an, China, September 12, 2014.

Keynote Speech, Guangzhou Forum, Guangzhou, China, September 11, 2014.

Panel, Being Young Forum, Barnard College, New York, September 9, 2014.

"Innovation Theory: Nature, Sources, Social Effects", Innovation Forum, Lindau Nobel Laureate Meetings, Lindau, Germany, August 19-20, 2014.

Dinner Speech, University Club Dinner Forum, New York, New York, July 9, 2014.

Keynote Speech, Fuzhou Forum, Fuzhou, China, June 26, 2014.

Commencement Address, New Huadu Business School, Fuzhou, China, June 25, 2014.

"Global Economic Growth and the World of Innovation," Keynote, 4th Gehr Symposium, Mannheim, Germany, May 27, 2014.

"Mass Flourishing Finland," Keynote, Helsinki Academy of Philosophy, Helsinki, Finland, May 22, 2014.

"The Boao Review Evening" and "Debate on Economics: Keynesian vs. Supply-Side," Panels; "Beware the Middle-Income Trap," Dialogue with Hans-Paul Burkner, Boao Forum, Boao, China, April 8-10, 2014.

Dinner and Discussion of *Mass Flourishing*, The French-American Foundation, New York, March 25, 2014.

Keynote Speech, 2nd Annual Nobel Summit, New Huadu Business School, Beijing, China, March 14, 2014; Guangzhou Subforum, Guangzhou, China, March 16, 2014.

Top Talk, Tsinghua University, Beijing, China, March 13, 2014.

"Mass Flourishing," Speech, CATO Round Table Dinner, Washington, DC, February 19, 2014.

Keynote Speech, Columbia Business School Real Estate Forum, New York City, February 4, 2014.

"Talking Economics: Secular Stagnation" and "Human Capital Workshop," Panels, World Economic Forum, Davos, Switzerland, January 23-24, 2014.

Dinner Lecture, Union Club of New York City, New York, January 9, 2014.

"Growth and Poverty: a Conversation between Amartya Sen, Jeffrey Sachs, and Edmund Phelps," Panel, World Leaders' Forum, Columbia University, New York, December 3, 2013.

Public Lecture, RAND Distinguished Speaker Series, RAND and Milken Institute, Los Angeles, November 6, 2013.

"Mass Flourishing" Public Lecture, Google Mountain View, Mountain View, CA, November 5, 2013.

"Mass Flourishing," Public Lecture, Commonwealth Club, San Francisco, November 4, 2013.

Public Lecture, Carnegie Council, New York City, October 28, 2013.

"Mass Flourishing: How Grassroots Innovation Created Jobs, Challenge, and Change," Lecture, World Bank, Washington, DC, October 23, 2013.

"Mass Flourishing: How it Was Gained and How it Was Lost," Distinguished Guest Lecture, The Sheldonian Theatre, Oxford Martin School, Oxford University, Oxford, UK, October 17, 2013.

"Grassroots Innovation and the Spread of Flourishing," The Oakeshott Memorial Lecture, The London School of Economics, London, UK, October 16, 2013.

Roundtable, Prospect Magazine, London, UK, October 15, 2013.

Roundtable, Center for the Study of Financial Innovation, London, UK, October 15, 2013.

"Mass Flourishing: How It Was Won, Then Largely Lost," Lecture, The Henry Jackson Institute, London, UK, October 14, 2013.

"The West is at Risk," Seminar, Research Institute of Industrial Economics, Stockholm, October 9, 2013.

"The West is at Risk: a Battle between Modern and Traditional Values," Seminar, Research Institute of Industrial Economics, Stockholm, Sweden, October 8, 2013.

- "Can Mass Flourishing Be Regained?," Lecture, Schwartzkopf Stiftung, Berlin, Germany, October 7, 2013.
- "Mass Flourishing: How it was Won, then Largely Lost," Lecture, New Huadu Business School—Zurich, Zurich, Switzerland, October 4, 2013
- "Decline of the West: Cultural Data," Panel, Dynamism and Innovation in the West: Has a Decline Set in?, 11th Annual Conference of the Center on Capitalism and Society, Columbia University, NY, September 27, 2013.

Public Lecture, University of Toronto, Toronto, Canada, September 26, 2013.

"Dynamism in a Post-Crisis World," Panel, Louise Blouin Creative Leadership Summit, Sept. 24, 2013.

Luncheon Keynote, China Foundation for Global Partnership and the United Nations Annual Meeting, September 23, 2013.

"New Materials, Energies and Human Development," Panel, Beijing, China, September 11, 2013.

"Prosperity, Innovatorship and Values," Keynote, Changzhou, China, September 8, 2013.

"Regional Development Under Globalization," Panel, Shunde Nobel Laureates Conference, Shunde City, China, September 5, 2013.

"Wealth, Innovation and Human Development," Keynote, XXV Villa Mondragone Conference, Rome, Italy, June 26, 2013.

"How European Nations Lost Dynamism and How They Might Win in Back," Dinner Keynote, Meeting of the Euro50 Group, Rome, Italy, June 23, 2013.

"Undemocratic and Unequal: Fitoussi's Critique of Europe's Institutions," Speech, Festschrift Conference for Jean-Paul Fitoussi, Sciences Po, Paris, June 21, 2013.

"Dynamism for the Good Life: How It Was Won, Lost and Might Be Won Back," Public Lecture, OECD, Paris, France, June 20, 2013.

"The Individual: Action, Media, Anxiety," Opening Remarks, The Individual: Action, Media, Anxiety in honor of Kierkegaard's bicentennial, co-hosted by the Center on Capitalism and Society and the Columbia University Department of Religion, Scandinavia House, NY, May 5, 2013.

"The Future of the US and Global Economy," Panel, Bloomberg Washington Summit, Washington DC, April 30, 2013.

"Governments vs. Markets" and "Fictitious vs. Real Economy," Panels; "Six Questions from Economists," Speech, Boao Forum for Asia 2013, Boao, China, April 5-7, 2013.

"Growth, Exchange, and Investment Flows," Speech, Beijing launch of the Global Executive Masters in Business Administration, New Huadu Business School, Beijing, March 20, 2013.

"The Importance of Indigenous Innovation for National Economic Growth," Keynote, First Beijing Academic Summit of Nobel Prize Winners in Economics, New Huadu Business School, Beijing, March 18, 2013.

"After Keynesianism and Corporatism," Opening Remarks, 10th Annual Conference of the Center on Capitalism and Society, Columbia University, NY, December 7, 2012.

"Austerity: the Case For and Against," Panel, Politics Aside Conference, RAND Corporation, Santa Monica, California, November 16, 2012.

"Labor and Development: the Way Forward," Panel, Center on Global Economic Governance, Columbia University, October 26, 2012.

"Corporatism and Job Satisfaction," Speech, Tsinghua University, Beijing, China, June 3, 2012.

Nobel Panel, Southeast University, Nanjing, China, June 2, 2012.

"The Economy Election" and "Domestic Job Creation," Panels, Bloomberg Washington Summit, Washington D.C., May 1, 2012.

Presentation with Gylfi Zeoga, Festschrift for Professor Thrainn Eggertsson, University of Iceland, Reykjavik, Iceland, April 17, 2012.

"The Great China Wave," Panel, London Book Fair, London, UK, April 16, 2012.

"Soft Landings and Employment and Growth," Panel, Boao Forum, Boao China, April 2-3, 2012.

Speech, Xiamen Forum, Xiamen, China, March 30, 2012.

"The Global Economy in Crisis," Panel, Metropolitan Museum of Art, New York, NY, February 17, 2012.

"Keynes vs. Hayek: An Economic Debate," Panel, Asia Society, New York, NY, November 8, 2011.

Keynote Speech, Science and Innovation Week, Mexico City, Mexico, October 17, 2011.

"Philosophical Foundations on Economics," Opening Remarks and Speech, 9th Annual Conference of the Center on Capitalism and Society, Columbia University, NY, September 23, 2011.

"The Role of Trade—Present and Future—in China's Economic Development," Opening Remarks, 25th Anniversary of the World Trade Organization, Xiamen, China, September 8, 2011.

Speech, XXIII Mondragone Conference, Rome, Italy, June 23, 2011.

Speech, National Forum XXIII, INAE, Rio de Janeiro, Brazil, May 16, 2011.

Speech, Opening Ceremony of the New Huadu Economics and Management Institute (NEMI) NEMI New Quarters, Beijing, China, April 3, 2011.

Speech, 2nd Generation of Entrepreneurs, Beijing, China, April 2, 2011.

Speech, 4th Annual Conference of the Catedra Phelps, Buenos Aires, Argentina, April 28, 2011.

"Supporting Innovation: Why and How," Conference on the Bank for Innovation, Camera dei Deputati, Rome, Italy, February 2, 2011.

"Some Outstanding Issues about the 'Natural Rate," Keynote; "Information, Knowledge, Economic Policy and Modern Macroeconomics," Panel, Microfoundations for Modern Macroeconomics, 8th Annual Conference of Center on Capitalism and Society, Columbia University, NY, November 20, 2010.

Speech, LIGEP Working group, Rome, Italy, October 28, 2010.

"Crisis 2007-20XX," Keynote, Congress of the Solvay Schools & Alumni, Brussels, Belgium, October 25, 2010.

Keynote Speech, Warsaw, Poland, October 1, 2010.

Speech, Fourth Nobel Lecture, University of Economics, Bratislava, September 20, 2010.

Speech, Peking University, Beijing, China, September 15, 2010.

Speech, Opening Ceremony Minjiang University, Fuzhou, China, September 10, 2010.

First Plenary Session, New York Forum, New York, June 23, 2010.

Speech, Foundation Stone Ceremony, New Huadu Business School, Minjiang University, Fuzhou, China, June 15, 2010.

Speech, Bank of Finland Conference in Memory of Pentti Kouri, Helsinki, Finland, June 10, 2010.

Speech, Kazakh Economic University, Almaty, Kazakhstan, May 19-20, 2010.

Breakfast Conversation with Martin Wolf, Levin Institute, New York City, May 12, 2010.

Speech, Nobel Week, Universitée Libre de Bruxelles, Brussels, Belgium, May 6, 2010.

Speech, Appointment Ceremony as President-Dean, New Huadu Business School, Minjiang University, Fuzhou, China, April 15, 2010.

Keynote Speech, 3rd Conference of the Cátedra Phelps, University of Buenos Aires, Buenos Aires, Argentina, March 29, 2010.

"Global Outlook and on Impending Currency Levels," Panel, The Russia Forum, Moscow, Russia, February 3-5, 2010.

"Rebuilding Economics," Panel, World Economic Forum, Davos, Switzerland, January 27-31, 2010.

"Post-Crisis Economic Policies: Ideas for Restructure," Introductory Remarks, 7th Annual Conference of the Center on Capitalism and Society, "Post-Crisis Economic Policies," Deutsche Bank AG, Berlin, Germany, December 11-12, 2009.

Participant, World Economic Forum Summit on the Global Agenda, Dubai, UAE, November 21, 2009.

Speech, Nobel Laureates Forum, Beijing, China, November 11, 2009.

Speech, ECB, Frankfurt, Germany, November 3, 2009.

Speech, Rheingauer Impulse, Hesse, Germany, November 2, 2009.

Speech, Sina Gold Forum, Beijing, China, October 27, 2009.

Speech, Beijing Asian Manufacturing Assn. Forum, Beijing, China, October 26, 2009.

Speech, China National Textile and Apparel Council, Shanghai, China, October 25, 2009.

"Introductory Remarks," Conference on Peace through Reconstruction, Special Conference of the Center on Capitalism and Society, Italian Academy, Columbia University, NY, October 23, 2009.

Speech, Frankfurt Book Fair, Frankfurt, Germany, October 14, 2009.

Speech, LIGEP Working Group, Rome, Italy, October 10, 2009

Speech, Science and Innovation Week, Mexico City, Mexico, September 25, 2009.

Speech, Government of Tijuana, Tijuana, Mexico, September 23, 2009.

Speech, Krynica Economic Forum, Krynica, Poland, September 11, 2009.

Keynote Speech, XXI Villa Mondragone International Economic Seminar, Rome, Italy, June

24th, 2009.

Speech, Paris Conference for Long-Term Value and Economic Stability, Paris, France, June 22, 2009.

Speech, The G8 and Beyond, Rome, Italy, June 22, 2009.

"World Crisis and the Emerging Bio-Economy," Speech, 13th ICABR Conference on the Emerging Bio-Economy, Ravello, Italy, June 18, 2009.

Patinkin Lecture, Tel Aviv, Israel, June 1, 2009.

Keynote Speech, Luxembourg Financial Forum, Luxembourg City, Luxembourg, May 29th, 2009.

Panel Speech, St. James's Palace Nobel Laureate Symposium, London, UK, May 27th, 2009.

Speech, 2nd International Forum for Communication and Sustainability, Sao Paulo, Brazil, May 6, 2009.

Speech, Catedra Phelps Conference, University of Buenos Aires, Buenos Aires, Argentina, March 26, 2009.

Speech, Bucharest, Romania, March 18, 2009.

Speech, 2nd Astana Economic Forum, Economic Research Institute, Astana, Kazakhstan, March 11, 2009.

Speech, International Conference on Globalization and Development in Latin America and the Caribe, Havana, Cuba, March 2, 2009.

6th Annual Conference of the Center on Capitalism and Society, "Emerging from the Financial Crisis," Columbia University, New York, February 20, 2009.

Participant, World Economic Forum, Davos, Switzerland, January 28-31, 2009.

Speech, International Investors Conference, Zurich, Switzerland, January 27, 2009.

Speech, Prime Minister's Meeting, Nouveau Monde, Nouveau Capitalisme, Co-chaired by Nicolas Sarkozy and Tony Blair, Paris, France, January 9, 2009.

Speech, International Conference on Development, Freedom and Welfare in Honor of Amartya Sen, New Delhi, India, December 20, 2008.

Speech, International Forum on Corporate Culture and Brand Originality, ICCIE, Beijing, China, December 16, 2008.

Keynote Speech, WAIPA Investment Conference, Rio de Janeiro, Brazil, December 5, 2008.

5th Annual Conference of the Center on Capitalism and Society, "Economic Dynamism and Inclusion" Club de Industriales, Mexico City, Mexico, November 24, 2008.

Luncheon Speech, Columbia University Law School, New York City, October 31, 2008.

Speech, Ethics and Economics Conference, Umbria, Italy October 17, 2008.

Speech, Legatum Center, MIT, Cambridge, Massachusetts, October 7, 2008.

Public Debate with Paul Krugman, NABE Conference, Washington DC, October 6, 2008.

Speech, Brand Festival Digital, Budapest, Hungary, September 18, 2008.

Speech, World Executive Group, Beijing, China, September 16, 2008.

Lecture, Hamburg Summit, Hamburg, Germany, September 12, 2008.

Speech, Krynica Economic Forum, Krynica, Poland, September 11, 2008.

Lecture, Lindau Meetings of the Nobel Laureates, Lindau, Germany, August 21, 2008.

Panel, Global Creative Leadership Summit, New York, July 10, 2008.

Dinner Speech, BIS, 7th Annual Conference on Monetary Policy, Luzern, Switzerland, June 26, 2008.

Keynote Lecture, Borsa Italiana, Milan, Italy, June 11, 2008.

Keynote Lecture, National Forum, Rio de Janeiro, Brazil, May 26, 2008.

Lecture, Academy of Political and Moral Sciences, Buenos Aires, Argentina, May 21, 2008.

"Dynamism and Inclusion: What? Why? How?," Lecture, Inaugural Congress, Cátedra Phelps, Law School, UBA, Buenos Aires, Argentina, May 20, 2008.

Public Lecture, Trinity College, Texas, April 9, 2008.

"Hayek and the Economics of Capitalism: Some Lessons for Today's Times," Hayek Lecture, Hayek Institute and the University of Vienna, Vienna, Austria, January 29, 2008.

Participant, World Economic Forum, Davos, Switzerland, January 23-27, 2008.

Keynote Lecture, Overview Conference on Finance and Sustainable Development, Monaco, November 30, 2007.

"Future of Europe Summit," Lecture, Andorra La Vella, Andorra, November 29, 2007.

"Economic Theory for an Innovative World: The Level and Swings of Economic Activity," University Lecture, Columbia University, New York, November 27, 2007.

"Introductory Remarks: The Dynamism of U.S. Capitalism: Where are the Weaknesses? Where are the Main Threats?," The Dynamism of U.S. Capitalism: Is It Deficient? Is It Endangered?, 4th Annual Conference of Center on Capitalism and Society, co-hosted by Council on Foreign Relations, NY, November 14-15, 2007.

Keynote Speech, ITAM Business School, Mexico City, Mexico, October 29, 2007.

University Lecture, University of Mannheim, Mannheim, Germany, October 22, 2007.

Keynote Speech, World Knowledge Forum, Seoul, South Korea, October 17, 2007.

"Wealth Creation and Asia," University Lecture, Sungkyunkwan University, Seoul, South Korea, October 16, 2007.

"Economic Dynamism and the 'Social Market Economy': Are They Reconcilable?," Ludwig Erhard Lecture, 50th Anniversary of *Wohlstand für Alle*, Berlin, Germany, October 12, 2007.

Lecture, European Central Bank, Frankfurt, Germany, October 10, 2007.

Keynote Lecture, Eindhoven, The Netherlands, October 9, 2007.

Keynote Lecture, EcoSoc Conference, United Nations, New York, October 8, 2007.

Lecture in the Annual Series: Aristotle and the Moderns, Low Library, Columbia University, New York, October 3, 2007.

Keynote Speech, IESE Business School, Barcelona, Spain, September 28, 2007.

Lecture, University of Hong Kong, Hong Kong, China, September 20, 2007.

Lecture, Nobel Laureates Forum, Hong Kong, China, September 19, 2007.

Lecture, Nobel Laureates Beijing Forum 2007, The Great Hall of the People, Beijing, China, September 12, 2007

Lecture, Conference in honor of Edmund Phelps, Reykjavik, Iceland, September 1, 2007.

Lecture, Penal Law and Economics, Mexico City, Mexico, August 28, 2007.

Lecture, BM&F, Campos do Jordao, Brazil, August 23, 2007.

Keynote Speech, Almedalen Week, Visby, Sweden, July 9th, 2007.

Lecture, Economic Forum, Aix-en-Provence, France, July 6, 2007.

Lecture, Manchester University, Manchester, UK, July 3, 2007.

"Europe as Seen from China" Lecture, Capitalia Group, Rome, Italy, June 26, 2007.

Lecture, ACREFI, Sao Paulo, Brazil, June 12, 2007.

"Phillips Curve and the Natural Rate Symposium," Keynote, Kiel, Germany, June 4, 2007.

Lecture, Circulo de Economia, Barcelona, Spain, June 1, 2007.

"The Good Economy: The Vitalism of Aristotle, Cervantes and Bergson and the Economic Justice of Kant and Rawls," Honoris Causa Acceptance Speech, Facultad de Economia, Universidad de Buenos Aires, Buenos Aires, Argentina, May 28, 2007.

Lecture, Workshop on Finance, Tivoli, Italy, March 30, 2007.

Participant, World Economic Forum, Davos, Switzerland, January 24-28, 2007.

Lecture, Fundacion Rafael del Pino, Madrid, Spain, January 31, 2007.

Lecture, Seville, Spain, January 29, 2007.

Lecture, Uppsala University, Uppsala, Sweden, December 14, 2006.

Participant, Forum on the International Economy, Financial Times, London, UK, 2006.

Lecture, Conference in Honor of Jim Mirrlees, University of Hong Kong, Hong Kong, China, November 30, 2006.

"Introductory Remarks: Perspectives on the Performance of the Continent's Economies," 3rd Annual Conference of Center on Capitalism and Society, co-hosted with CESifo, Venice International University, Venice, Italy, July 21-22, 2006.

"The Justice of Inclusive Free Enterprise: Aristotle, Hayek, Tocqueville and Rawls," Honoris Causa Acceptance Speech, Insitut d'Etudes Politiques de Paris, Paris, France, June 22, 2006.

"Great Catch-Ups and Fall-Backs I Have Seen: And Their Misinterpretations," The ESR/DEW Guest Lecture, Annual Meeting of the Irish Economic Assn., Bunclody, Ireland, April 29, 2006. (Rev. from Lecture presented at the 14th World Congress, International Economic Assn., Marrakech, September 2, 2005.)

"Globalization," Lecture, Queen Mary College, University of London, London, UK, November 1, 2005.

Reforming the Economic Model," Lecture, OECD, Paris, France, October 28, 2005.

"Understanding the Great Changes in the World: Gaining Ground and Losing Ground since World War II," Distinguished Plenary Lecture, International Economic Assn. 14th World Congress, Marrakech, August 28-September 2, 2005.

"What are the Sources of the Greater Dynamism in the More Capitalist Economies?:A Consideration of their Financing," Seminar, XVII Villa Mondragone International Seminar, Rome, Italy, July 6-7, 2005.

"Channels and Mechanisms Linking Future Budgetary Shocks to Present Asset Prices and Economic Activity," Presentation, with H. T. Hoon; "Introductory Remarks: Is the Pension/Medical Care Overhand a Threat to Prosperity? To Dynamism? To the Economic Systems Itself?," Speech, Aging Baby Boomers, Pensions and Medical Benefits, and Consequences for Dynamism, Prosperity and Growth, 2nd Annual Conference of Center on Capitalism and Society, University of Iceland, June 16-17, 2005.

"Business Cycles and the World Economy," Nobel Laureates Forum 2005, Chinese University of Hong Kong, June 3, 2005.

"A Theory of China's Economic Course: the Role of Knowledge in Selecting and Adapting Overseas Innovations and in their Diffusion over the Home Market," Lecture, Nobel Laureates Beijing Forum 2005, The Great Hall of the People, Beijing, China, May 31- June 1, 2005. (TV broadcast CCTV Channel 9.)

Honorary Professorship Acceptance Speech, Beijing Technology and Business University, Beijing, China, June 1, 2005.

"What Alternatives to American Capitalism?" Debate with Christian de Boisseux, University of Paris-Sorbonne, Paris, France, March 15, 2005.

"American Cowboy Capitalism vs. Eurosclerosis," Debate with Jeffrey Madrick, Smith Family Foundation, CUNY, New York, March 8, 2005. (TV broadcast, CUNY, March 16, 2005.)

Luncheon Speaker, Eastern Economic Assn., New York, March 4, 2005.

Public Lecture, ICRIER, New Dehli, India, December 30, 2004.

"French and Greek Ideas in Recent Political Economy," Speech, University of Paris-Dauphine, Paris, France, July 2, 2004.

"Employment, Inflation and Sustainable Growth" and "What Distinguishes a Prosperous and Developing Economy? And What Institutions Does It Require?" Lectures, China Forum, Renmin University, Beijing, China, May 29- 30, 2004."

Alex G. McKenna Lecture, Saint Vincent College, Pennsylvania, April 2004.

"Introductory Remarks," Capitalist Systems, Inaugural Conference of Center on Capitalism and Society, Columbia University, NY, April 16-17, 2004.

Luncheon Speaker, Calvo Festschrift, International Monetary Fund, Washington, DC, April 2004.

"Effects of China's Recent Development in the Rest of the World," Lecture, VI Annual International Conference, ANEC, Havana, February 2004.

"For a More Insightful Macroeconomics," Speech, Festschrift Conference in honor of Joseph Stiglitz, Columbia University, NY, October 2003.

Luncheon Speaker, New York State Economic Assn., New York, October 2003.

Lecture, Royal Institute of Economic Affairs, Chatham House, London, UK, March 2003.

"Globalization and Development," Public Lecture given in Bangkok, Beijing, Tianjin, Shanghai, Singapore January 2003; Keynote Speech, 5th International Conference, ANEC, Havana, Cuba, February 2003.

Shaw Foundation Distinguished Lecture, Singapore Management University, Singapore, January 2003.

Lecture, China-WTO Affairs, Shanghai, China, January 2003.

Keynote Lecture, Conference on Unemployment, CESifo, Munich, Germany, December 2002.

"Productivity and Jobs," Lecture, Conference on Productivity in the 21st Century, Washington, D.C., AEI and Department of Labor, October 23, 2002.

Honoris Causa Acceptance Speech, University of Mannheim, Mannheim, Germany, July 2001.

Honoris Causa Acceptance Speech, University of Rome 'Tor Vergata,' Rome, Italy, July 2001.

Luncheon Speaker, Conference on Unemployment and Inclusion, Toronto, Canada, 2000.

Kenneth Meyer Lecture on Public Policy, University of Miami, Florida, April 1996.

Participant, World Economic Forum, Davos, Switzerland, January 1994.

Participant, World Economic Forum, Davos, Switzerland, January 1993.

Erich Roll Lecture, University of Southampton, Southampton, UK, April 1993.

Participant, Development Mission for the Joint Study of the Economy of the Soviet Union, European Bank for Reconstruction, Moscow, Russia, September 1990.

Participant, Academic Consultants Meeting, Federal Reserve Board, Washington DC, May 1983.

Peterkin Lecture, Rice University, Texas, March 1979.

University of California, Berkeley, California, April 1970.

"Perspective on Economic Growth," Lecture, in *The Changing American Economy: Forum Lectures*, J.R. Coleman, ed., (New York: Basic Books, 1967). (Also Broadcast on Voice of America Radio Program, 1966.)

UNPUBLISHED PAPERS IN PROGRESS, IN DRAFT OR IN PRESS

- "Speeches on Europe: Berlin, Barcelona, and Rome," Working Paper 110, Center on Capitalism and Society, Columbia University, New York, July 2018.
- "The Role of Innovation and the Digital Economy: New Opportunities and Challenges for Chinese, US and European Economic Policies," Working Paper 108, Center on Capitalism and Society, New York, April 2018.
- "What Ails Greece? The Two Perspectives in Macroeconomics," Working Paper 87, Center on Capitalism and Society, Columbia University, New York, September 2015.
- "Career Choice and Economic Innovation: A Comparison between China, Germany and the USA," with Raicho Bojilov, Working Paper no. 80, Center on Capitalism and Society, Columbia University, New York, November 2013.
- "Job Satisfaction: the Effects of Two Economic Cultures," with Raicho Bojilov, Working Paper 77, Center on Capitalism and Society, Columbia University, New York, September 2012.
- "Entrepreneurship, Ambiguity, and the Shape of Innovation Contracts," with Massimiliano Amarante and Mario Ghossoub, Working Paper 76, Center on Capitalism and Society, Columbia University, New York, September 2012.
- "Contracting for Innovation under Ambiguity," with Massimiliano Amarante and Mario Ghossoub, Working Paper 75, Center on Capitalism and Society, Columbia University, New York, September 2012.
- "Effects of Technological Improvement in the ICT-Producing Sector on Business Activity," with Hian Teck Hoon, Working Paper 74, Center on Capitalism and Society, Columbia University, New York, January 2012.
- "An Excess of State Borrowing and Bank Lending: A Symptom of Present-day Corporatist Economies," with Amar Bhidé and John Kay, Working Paper 72, Center on Capitalism and Society, Columbia University, New York, August 2011.
- "A North African Quartet," with Saifedean Ammous, Working Paper 71, Center on Capitalism and Society, Columbia University, New York, July 2011.

- "Innovation and Employment," with Hian Teck Hoon, Working Paper 69, Center on Capitalism and Society, Columbia University, New York, April 2011.
- "The Entrepreneurial Economy I: Contracting under Knightian Uncertainty," with Massimiliano Amarante and Mario Ghossoub, Working Paper 68, Center on Capitalism and Society, Columbia University, New York, April 2011.
- "Climate Change, the Knowledge Problem and the Good Life," with Saifedean Ammous, Working Paper 65, Center on Capitalism and Society, Columbia University, New York, April 2011.
- "Seeds of Recovery after the Financial Crisis," Working Paper 53, Center on Capitalism and Society, Columbia University, New York, January 2010.
- "A Dynamic Theory of the China-U.S. Trade: Making Sense of the Imbalances," with Amar Bhide, Working Paper 4, New York, Center on Capitalism and Society, Columbia University, July 2005
- "Effects of anticipated future fiscal expansion on unemployment, interest and growth." with Hian Teck Hoon, Singapore Management University and Columbia University Working Paper, October 2001.
- "The Incidence of Increased Unemployment in the Group of Seven, 1970-1994," with Gylfi Zoega, Rome, Confindustria, CSC Ricerche 115, September 1996.
- "An Extended Working Model of Slump and Recovery from Disturbances to Capital-Goods Prices in an Overlapping-Generation Closed Economy: 'IS-LM' Without Money," for the 1988 Aalborg conference in honor of Sir John Hicks: IS-LM after Fifty Years. (Conference volume cancelled.)
- "Legislating Economic Justice for the Working Poor," ms., December 1986.
- "Economic Equilibrium and Other Economic Concepts: A 'New Palgrave' Quartet," European University Institute Working Paper 86/222, June 1986.
- "Optimal Public Finance under International Capital Mobility," Working Paper 38, Columbia University, Department of Economics, November 1979. (Intended for the Festschrift in memory of James R. Nelson.)
- "Notes on Index Theory and Indexation Policy," mimeo., February 1975. (Presented at the Conference on Indexation, University of Sao Paulo and National Bureau of Economic Research.)
- "Remarks on Monetary Policy-Making under Rational Expectations," mimeo., October, 1974. (Presented at the Conference on Rational Expectations and Monetary Policy, Federal Reserve Bank of Minneapolis.)

COLUMNS, LETTERS, OP-EDS, AND REVIEWS

- "Beating the Coronavirus is the Best Stimulus", with Roman Frydman, *Wall Street Journal*, April 6, 2020.
- "Insuring the Survival of Post Pandemic Economies," with Roman Frydman, *Project Syndicate*, March 23, 2020.
- "Dynamism, Innovation, and Germany's Future," *Project Syndicate*, November 22, 2019; and as "*Free to Do What with Our Lives?*," Working Paper No. 115, Center on Capitalism and Society, Columbia University, December 4, 2019. (Presented at Berlin Wall 30, Berlin, November 9, 2019.)
- "How Flourishing Has Changed With Modern Values," Thrive Global, May 1, 2019.
- "The Three Revolutions Economics Needs," *Project Syndicate*, January 23, 2019. (Subsequently published under the title "To Fix Our Economic and Social Malaise, We Need to Rediscover Where Progress Comes From," *Market Watch*, January 29, 2018; adapted in "Toward an Economics of the Slowdown in the West," Working Paper 112, Center on Capitalism and Society, February 2019.)
- "Innovators Shine Light on the Path," China Daily, January 8, 2019.
- "The Fantasy of Fiscal Stimulus," *The Wall Street Journal*, October 30, 2018.
- "The Need for a Global Patent Market," with Eskil Ullberg, *Project Syndicate*, August 6, 2018. (Adapted as Chinese translation in *Tencent*, April 25, 2019; rev. Working Paper 111, Center on Capitalism and Society, April 2019.)
- "Innovation in the times of quality growth," ChinaDailyUSA, March 23, 2018.
- "Will China Out-Innovate the West?," Project Syndicate, March 5, 2018.
- "Why it's impossible to predict the effect of the tax bill on investment and growth," with Roman Frydman, *MarketWatch*, December 20, 2017.
- "Nothing Natural About the Natural Rate of Unemployment," *Project Syndicate*, November 2, 2017; rev. Working Paper 96, Center on Capitalism and Society, Columbia University, November, 2017.
- "This Thing Called the American Dream," *Project Syndicate*, August 28, 2017; rev. Working Paper 94, Center on Capitalism and Society, Columbia University, August 2017.
- "A Good Economy for China," *Project Syndicate*, June 17, 2016. Trans. Russian, *Economics and Mathematical Methods*, April 19, 2017.

- "Hard Truths about Easy Money," The Wall Street Journal, September 8, 2016.
- "Two Kinds of Economic Life," Tencent, June 7, 2016.
- "Supply Side, Demand Side, or Innovation Side?" Project Syndicate, May 19, 2016.
- "What Is Wrong with the West's Economies?" *The New York Review of Books* 62, no. 13, August 13, 2015.
- "What Greece Needs to Prosper," Project Syndicate, August 6, 2015.
- "The Foundations of Greece's Failed Economy," *Project Syndicate*, September 4, 2015.
- "Europe, America and China Have the Same Economic Problem," Boao Review, April 2015.
- "Europe is a Continent That Has Run Out of Ideas," Financial Times, March 3, 2015.
- "Teaching Economic Dynamism," Project Syndicate, September 2, 2014.
- "L'Histoire de l'Occident: Métamorphose ou déclin?,"La Vie-Le Monde, June 25, 2014.
- "Free Innovators from the State's Deadening Hand," Financial Times, January 31, 2014.
- "Love Your Job? Thank Your Country," excerpt from *Mass Flourishing*, *Bloomberg View*, August 18, 2013.
- "Central Banking Needs Rethinking," with Amar Bhidé, *The Wall Street Journal*, July 17, 2013.
- "Less Innovation, More Inequality," The New York Times, February 24, 2013.
- "Germany is Right to Ask for Austerity," Financial Times, July 19, 2012.
- "Blaming Capitalism for Corporatism," with Saifedean Ammous, *Project Syndicate*, January 31, 2012.
- "How we can avoid another Mediterranean Crisis," Financial Times, January 11, 2012.
- "Tunisians set off on the road from serfdom" with Saifedean Ammous, *Financial Times International*, January 25, 2011.
- "Who Killed the Economy?," *Newsweek International*, January 23, 2011.
- "The Economy Needs a Bit of Ingenuity," The New York Times, August 7, 2010.
- "Economic Justice and the Spirit of Innovation," *First Things* 196 (October 2009): 27-31. Trans. Chinese 21CN Business Herald, 2010.

- "Uncertainty Bedevils the Best System," Financial Times, April 14, 2009.
- "Does Capitalism Have a Future?" Project Syndicate, December 1, 2008.
- "The Right Way to Rebuild Georgia" with Graciana del Castillo, *Real Clear World* November, 12, 2008.
- "Die Finanzarchitektur der Zukunft," Der Spiegel, November 10, 2008.
- "Beware the Smothering of Economic Dynamism," Forbes, November 10, 2008.
- "Keynes Had no Sure Cure for Slumps," Financial Times, November 4, 2008.
- "Dear Mr. President," Newsweek.com, October 22, 2008.
- "We Must not Rely Only on the Rosiest Ratings," with Roman Frydman and Michael Goldberg, *Financial Times*, October 19, 2008.
- "We Need to Recapitalize the Banks," The Wall Street Journal, October 1, 2008.
- "In Search of a More Dynamic Economy," Financial Times, July 20, 2008.
- "Our Uncertain Economy," The Wall Street Journal, March 14, 2008.
- "A Strategy to Help Afghanistan Kick its Habit," with Graciana del Castillo, *Financial Times*, January 4, 2008.
- "Le monde occidental et les deux capitalisms," ("More dynamism for prosperity and personal development"), *Le Figaro*, June 23, 2006.
- "Global Change Needs Flexibility, Not a Fixed Rule," Financial Times, May 24, 2006.
- "Subsidies that Save," *Project Syndicate*, April 2006. (Also in *Le Monde*, *Die Welt* and 30 other papers.)
- "Remedies for New Orleans," The Wall Street Journal, October 10, 2005.
- "Classical Theory vs. the Real World," with Amar Bhidé, *The Wall Street Journal*, July 25, 2005.
- "Evidence-based Economics," Project Syndicate, January, 2005.
- "The Way We Live Now," The Wall Street Journal, December 28, 2004.
- "Crash. Bang. Wallop.," The Wall Street Journal, January 5, 2004.
- "False Hopes for the Economy—and False Fears," *The Wall Street Journal*, June 3, 2003.

- "The Dynamism of Nations," *Project Syndicate*, December 2003-January 2004. Trans. "Wo die Dynamik herkommt," *FT Deutschland*, December 18, 2003; and other syndicated papers.
- "European myths, European realities," *Project Syndicate*, December 2002-January 2003. Trans. "Der Mythos vom starken Europa," *Süddeutsche Zeitung*, December 9, 2002; Corriere della Sera; and other syndicated papers.
- 'Portents of a darkening outlook: falling equities and a weakening dollar herald economic slowdown,' *Financial Times*, July 31, 2002.
- "Capitalism, Top to Bottom," *The Wall Street Journal*, February 1, 2002. (Originally "Nozick vs. Rawls on Justice, Rights and the State.")
- "Lack of Entrepreneurship in Argentina," Financial Times, January 11, 2002.
- "Tanti privati ma poco capitalismo," Il Sole/24 Ore, Rome, June 28, 2001.
- "Structural Booms," *Project Syndicate*, April 2001. Trans. "Les cycles économiques ne sont pas morts," *Les Echos*, May 29, 2001; "I paesi che puntellano le economie non beneficiano dei momenti di boom," *La Repubblica*, April 9, 2001; and other syndicated papers.
- "The 6-point case against the tax cut," *Project Syndicate*, February 2001. Trans. "Die geplanten US-Steuersenkungen sind fragwürdig," *Die Welt*, March 3, 2001; and other syndicated papers.
- "The Unproven Case for Tax Cuts," Financial Times, February 2, 2001.
- "Subsidize Wages: a Commentary on the 'Universal Basic Income'," *Boston Review*, no. 25, October-November 2000.
- 'Der Filz dämpft den Aufschwung,' CASH 34, August 25, 2000.
- "IMF Seems to Have Lost Sight of Rationale for Capitalism," Financial Times, August 25, 2000.
- "Europe's Stony Grounds for the Seeds of Growth," Financial Times, August 9, 2000.
- "Nairu is still a valid model," Australian Financial Review, July 26, 2000.
- "Low Inflation, Low Unemployment: What Gives?" The Wall Street Journal, April 7, 2000.
- 'Le génie du capitalisme,' in the series 'Idées d'Ete,' Le Soir 1, July 16, 1999.
- "The Global Crisis of Corporatism," The Wall Street Journal, March 25, 1999.
- "Direct Low-wage Tax Credits to Employers," Financial Times, February 23, 1998.
- "Quids in if You Work," Financial Times, October 31, 1997.
- "Refitting the West's Winning Economic Model," Project Syndicate, March 1997. Published in

Le Monde, December; El Pais, October; La Repubblica, May; Der Standard, April; and several Eastern European papers.

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"Subsidize Employment," Policy Options/Options Politique 17 (July/August, 1996): 5-9.

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"A Review of 'Unemployment' [by R. Layard, S. Nickell and R Jackman]," *Journal of Economic Literature* 30 (September 1992): 1483-97. Repr. in *Journal of Economic Studies* 20, no. 1/2, (Summer 1993): 7-26.

"Pour Soient Pris des Risques Calcules," with J.-P. Fitoussi, Le Monde, October 11, 1988.

"Le Marasme," with Jean-Paul Fitoussi, Le Monde, May 10, 1988.

"Been Down So Long Seems Like Up to Me," with Jean-Paul Fitoussi, *Financial Times*, April 13, 1988.

"On Okun's Micro-Macro System: A Review Article," *Journal of Economic Literature* 19, Sept. 1981.

"Creating the Money for Tax Rebates," New York Times, January 26, 1975.

"The Economy," New York Times, April 29, 1971.

"Federal Poverty Fund," New York Times, June 15, 1969.

COMMITTEE REPORTS, MEMORANDUMS, ETC.

6th Semi-Annual Report to the Consiglio Nazionale delle Ricerche, May 2000.

5th Semi-annual Report to the Consiglio Nazionale delle Ricerche, Rome, November 1999.

4th Semi-Annual Report to the Consiglio Nazionale delle Ricerche, Rome, May 1999.

3rd Semi-Annual Report to the Consiglio Nazionale delle Ricerche, Rome, November 1998.

2nd Semi-Annual Report to the Consiglio Nazionale delle Ricerche, Rome, May 1998.

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