

March 2010

Curriculum Vitae
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Belfer Center for Science and International Affairs,
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Education

1971 B.Sc. in Economics, University of London (Queen Mary College)
1974 M.A. in Economics, Harvard University
1977 Ph.D. in Economics, Harvard University

Current and past positions

2001-present Professor, Department of Economics, Virginia Tech
2009-present Non-resident Senior Fellow, Wolfensohn Center for Development, the Brookings Institution
2009-2010 Dubai Initiative Fellow, John F. Kennedy School of Government, Harvard University
2008-2009 Nonresident Guest Scholar, Wolfensohn Center for Development, the Brookings Institution
2007-08 Visiting Fellow, Wolfensohn Center for Development, the Brookings Institution
2001 (spring) Visiting Professor, Institute for Research in Planning and Development, Tehran, Iran.
1996-2000 Head, Department of Economics, Virginia Tech
1995-96 Interim Department Head, Department of Economics, Virginia Tech
1991-92 Visiting Professor, Oxford Institute for Energy Studies, and Senior Associate Member, St. Anthony's College, the University of Oxford
1990-2001 Associate Professor of Economics, Virginia Tech
1984-90 Assistant Professor of Economics, Virginia Tech
1977-84 Assistant Professor of Economics, University of Pennsylvania
1979-80 Economist, Department of Economic Research, the Central Bank of Iran
1981-84 Research Associate, Middle East Research Institute, University of Pennsylvania
1977-84 Research Associate, Center for Population Studies, University of Pennsylvania

Publications

Books

Models of the Oil Market, with Jacques Crémer, *Fundamentals of Pure and Applied Economics*, monograph no. 44, 1991, Chur, Switzerland: Harwood Academic Publishers.

Edited volumes

The Production and Diffusion of Public Choice Political Economy: Reflections on the VPI Center, with Douglas Eckel and Joseph C. Pitt, Oxford: Blackwell Publishers, 2004.

Labor and Human Capital in the Middle East: Studies of Markets and Household Behavior, Reading, England: Ithaca Press, 2001. Selected as a [Noteworthy Book](#) of 2001 by Princeton University Industrial Relations Section.

Journal Articles

1. Family Planning and Fertility Decline in Rural Iran: A Study in Program Evaluation,” with M. Jalal Abbasi and Meimanat Hosseini-Chavoshi, *Health Economics*, forthcoming.
2. “Youth Transitions to Employment and Marriage in Iran: Evidence from the School to Work Transition Survey, with Daniel Egel, *Middle East Development Journal*, forthcoming.
3. “Reversal of Fortunes: lifetime earnings and consumption in Iran,” with Marenglen Marku, *Economic Development and Cultural Change*, forthcoming.
4. “A comparative study of returns to education of urban men in Egypt, Iran, and Turkey,” with Insan Tunali and Ragui Assaad, *Middle East Development Journal*, 1(2), 145-187, December 2009.
5. “Poverty, Inequality, and Populist Politics in Iran,” *Journal of Economic Inequality*, 7(1): 5-24, March 2009.
6. “The Revolution and the Rural Poor,” *Radical History Review*, issue 105 (summer 2009), pp. 139-144.
7. Growing up in Iran: Challenging times for the Revolution’s Children, *The Brown Journal of World Affairs*, 15(1), 63-74, Fall/Winter 2008.
8. “Human resources in Iran: potentials and challenges,” *Iranian Studies*, 38(1), March 2005, 117-147. Reprinted in H. Katouzian and H. Shahidi (eds.) *Iran in the 21st Century*, Routledge 2007.
9. “Introduction,” with Douglas Eckel and Joseph Pitt, *American Journal of Economics and Sociology*, 62(5), Special Issue on The Production and Diffusion of Public Choice Political Economy: Reflections on the VPI Center, edited by Joseph C. Pitt, Djavad Salehi-Isfahani, and Douglas Eckel, January 2004.
10. “Fertility, Education, and Household Resources in Iran, 1987-1992,” *Research in Middle East Economics*, Vol. 4, Elsevier/JAI Press, 2001.
11. “Demographic Factors in Iran’s Economic Development,” *Social Research*, 67(2), pp. 599-620, Summer 2000, special issue on Iran.

12. "Labor and the Challenge of Restructuring in Iran," *Middle East Report*, Vol. 28, No. 210, spring 1999, 34-37. Translated into Persian and reprinted in *Monthly Economic Digest*, May 2000, Tehran, Iran.
13. "Reform or Reaction: Dilemmas of Economic Development in the Middle East," *Middle East Report*, with Karen Pfeifer and Marsha Pripstein-Posusney, Vol. 28, No. 210, Spring 1999, 14-15.
14. "Government Subsidies and the Demand for Petroleum Products in Iran," in *Research in Middle East Economics*, Vol. 1, 1996: 53-81, JAI Press. First appeared as World Petroleum Markets Working Paper #22, Oxford Institute for Energy Studies, 1996. Translated and reprinted with modifications as "Pricing of Petroleum Products in Iran," *Development and Planning Review*, 2(9) winter 1995, 1-31 (in Persian).
15. "Models of the Oil Market Revisited," *Journal of Energy Literature*, 1(1), summer 1995: 3-21. Reprinted in *The Economics of Energy*, Vol. 1, edited by Paul Stevens, the International Library of Critical Writings in Economics series, 2000, London: E. Edgar Publishers.
16. "Population Pressure, Intensification of Agriculture, and Rural-Urban Migration," *Journal of Development Economics*, 40(2) April 1993: 371-384. Translated and reprinted in Persian in *Development and Planning Review*, 2(2), 1992.
17. "[The Rise and Fall of Oil Prices: A Competitive View](#)," with Jacques Crémer, *Annales d'Economie et de Statistique*, No 15/16, July-December 1989: 427-454.
18. "Effort Observability and Worker Productivity: Toward an explanation of economic dualism," with Hadi S. Esfahani, *Economic Journal*, 99(397), September 1989: 818-836.
19. "[The Political Economy of Credit Subsidy in Iran](#)," *International Journal of Middle East Studies*, 21(3), August 1989: 359-79.
20. "Oil Exports, Exchange Rate Appreciation and Demand for Imports in Nigeria," *Economic Development and Cultural Change*, 37(3), April 1989: 495-512.
21. "Technology and Preferences in the Boserup Model of Agricultural Growth," *Journal of Development Economics*, 28(2), March 1988: 175-191.
22. "On the Generalization of the Boserup Model: Some Clarifications," *Economic Development and Cultural Change*, 35(4), July 1987: 875-881.
23. "Oil Supply and Economic Development Strategy: A Dynamic Planning Approach," *Journal of Development Economics*, 21(1), April 1986: 1-23.

Book chapters

1. "Beyond Statism: Toward a New Social Contract for Iranian Youth," with Daniel Egel, in *Waiting: The Unfulfilled Promise of Young People in the Middle East*, Navtej Dhillon and Tarik Yousef (eds.). Brookings Institution Press, 2009.
2. "Looking Ahead: Making Markets and Institutions Work for Young People," with Navtej Dhillon, in *Waiting: The Unfulfilled Promise of Young People in the Middle East*, Navtej

- Dhillon and Tarik Yousef (eds.). Brookings Institution Press, 2009.
3. "Oil Wealth and Economic Growth in Iran," in A. Gheisari (ed.), *Contemporary Iran*, Oxford, UK: Oxford University Press, 2009.
 4. "Human resources in Iran: potentials and challenges," H. Katouzian and H. Shahidi (eds.) *Iran in the 21st Century*, Routledge 2007, reprinted from *Iranian Studies*, 38(1), March 2005, 117-147.
 5. "Microeconomics of growth in MENA: the role of households," in J. Nugent and M. H. Pesaran (editors), *Explaining Growth in Middle East*, Contributions to Economic Analysis, Volume 278. London: Elsevier, 2006.
 6. "Comment on Rima Khalaf Hunaidi's Reform in Hindsight: Promises and Illusions in Jordan\$, in *Development Challenges in the 1990: Leading Policymakers Speak from Experience*, Timothy Besley and Roberto Zaghera (eds.), Oxford University Press, 2005, 295-299.
 7. "Microeconomic determinants of growth around the world", with Sergei Guriev, in *Explaining Growth: A Global Research Project*, Gary McMahon and Lyn Squire, eds., IEA Conference Volume No. 150. London: Palgrave/ MacMillan, 2003.
 8. "Population, Human Capital, and Economic Growth in Iran," in Ismail Sirageldin, editor, *Human Capital: Population Economics in the Middle East*, London: I.B. Tauris, and Cairo: American University of Cairo Press, 2002.
 9. "Introduction," in *Labor and Human Capital in the Middle East: Studies of Markets and Household Behavior*, in D. Salehi-Isfahani, editor, Reading, U.K.: Ithaca Press, 2001.
 10. "The Gender Gap in Education in Iran: Evidence for the Role of Household Characteristics," in D. Salehi-Isfahani, editor, *Labor and Human Capital in the Middle East: Studies of Markets and Household Behavior*, Reading, U.K.: Ithaca Press, 2001.
 11. "Population, Labor, and Employment in Iran," with Hamid Tabatabai, in D. Salehi-Isfahani, editor, *Labor and Human Capital in the Middle East: Studies of Markets and Household Behavior*, Reading, U.K.: Ithaca Press, 2001.
 12. "The Oil Sector After the Revolution," in Saeed Rahnama and Sohrab Behdad, eds., *Iran After the Revolution: Crisis of an Islamic State*, London: I. B. Tauris, 1995: 150-173.
 13. "The Role of the Oil and Gas Sector in Post-Revolutionary Iran," in Kamran Pirouze, ed., *Economic Development in Post-Revolutionary Iran*, Proceedings of a Conference held March 3, 1995, School of Business Administration, Montclair State University, 1995: 6-12.
 14. "The Iranian Economy Since the Revolution," in Shireen Hunter, ed., *Internal Developments in Iran*, Georgetown University Center for Strategic and International Studies, Significant Issues Series, vol. 7, no. 3 (Washington, D.C. 1985): 25-48.
 15. "Economic Analysis," in *Middle East Research Institute Reports: Iran*, Middle East Research Institute, University of Pennsylvania, Croom Helm Publishers (London, 1985): 83-130.

16. "Population Growth and Adoption of Agricultural Techniques: A Model of Intensification for Traditional Agriculture," *Proceedings of the International Population Conference*, vol. 2, International Union for the Scientific Study of Population (Mexico, 1977): 25-46.

Other publications

1. "Trouble in Tehran" *Foreign Policy*, July/August 2009, p. 85.
2. "[Poverty and inequality since the revolution](#)," in *The Iranian Revolution at 30*, Middle East Institute, Washington DC 2009.
3. "[Returns to Education in the Middle East: A Comparative Study of Egypt, Iran, and Turkey](#)," *Forum*, the Newsletter of the Economic Research Forum, 15(2) 2008.
4. "Pobreza y desigualdad en el Irán revolucionario" (Poverty and inequality in Revolutionary Iran), *La Vanguardia Dossier*, Special Issue on Iran in (*Iran por dentro*), July/ September, 2007, No. 24.
1. "Labor and the Challenge of Restructuring in Iran," *Middle East Report*, Vol. 28, No. 210, Spring 1999, 34-37. Translated into Persian and reprinted in *Monthly Economic Digest*, May 2000, Tehran, Iran.
2. "Reform or Reaction: Dilemmas of Economic Development in the Middle East," *Middle East Report*, with Karen Pfeifer and Marsha Pripstein-Posusney, Vol. 28, No. 210, Spring 1999, 14-15.
3. "A Human Capital Perspective on Iran's Demographic Window of Opportunity," in *The Forum*, Vol. 5, No. 4, December 1998/January 1999: 9-11, ERF: Cairo.
4. "The Role of Women in the Intergenerational Transfer of Human Capital in Iran", *Goftegu*, no. 19 spring 1998: 55-67, Tehran (in Persian).
5. "The Oil Sector," *Iran Nameh*, special issue on the Iranian Economy, vol. 13, nos. 1-2, Winter-Spring 1995: 119-146 (Washington D.C., in Persian).
6. "The Price of Consumption," *U.S.-Iran Review*, June 1993, 1(3), 2 pages.
7. "The Reconstruction Crusade and Class Conflict in Iran," *The Middle East Report*, no. 113, (published under pen name Emad Ferdows) March-April 1983, pp. 11-15.
8. *Ester Boserup Revisited: Population Growth and Intensification in Iranian Agriculture*, *IUSSP Papers*, no. 10, International Union for the Scientific Study of Population, (Liege, Belgium 1977), 23 pages.

Book reviews

1. *Class and Labor in Iran: Did the Revolution Matter?* by Farhad Nomani and Sohrab Behdad, Syracuse University Press, 2006; in *Middle East Journal*, Winter 2007.
2. Gad Gilbar, *The Middle East Oil Decade and Beyond: Essays in Political Economy*, Frank Cass, London 1997, in *Middle East Studies Association Bulletin*, 1998.

3. Asghar Schirazi, *Islamic Development Policy The Agrarian Question in Iran*, translated by P. J. Ziess-Lawrence, Lynne Rienner Publishers, Boulder and London, 1993, *Iranian Studies*, 1997.
4. Thierry Coville, ed., *The Economy of Islamic Iran: Between State and Market*, Tehran: Institute Francaise de Recherche en Iran, distributed by Peeters, Louvain, 1994, *Journal of Economic Literature*, Vol. 34, June 1996.
5. Stanley Fischer, Dani Rodrick, Elias Tuma, eds., *The Economics of Middle East Peace*, Cambridge, MIT Press, 1993, in *MESA Bulletin*, 187-188, Vol. 29, No. 2, December 1995.
6. Charles F. Doran and Stephen W. Buck, *The Gulf, Energy, and Global Security*, Lynne Rienner Publishers, Boulder and London, 1991, *Middle East Studies Association Bulletin*, vol. 27, no. 4, December 1993.
7. Joint review of H. Amirahmadi, *Revolution and Economic Transition: The Iranian Experience*, and M. Karshenas, *Oil, State, and Industrialization in Iran*, *Economic Development and Cultural Change*, October 1993, 220-226.
8. Massoud Karshenas, *Oil, State, and Industrialization in Iran*, *Middle East Studies Association Bulletin*, 26, 1992, pp. 91-93.
9. Nima Nattagh, *Agriculture and Regional Development in Iran: 1962-1978*, MENAS Press London, in *Iranian Studies*, vol. 21, nos. 3-4, 1988: 185-87.
10. Charles K. Wilbur and Kenneth P. Jameson, eds., *Socialist Models of Development*, Pergamon Press, 1981, in *Journal of Development Economics*, vol. 16, nos. 1-2, 1984: 208-213.

Selected Commentary:

1. [Iran Sanctions: Who Really Wins?](#) The [Brookings Institution](#).
2. [Where Will the Power Lie in Iran? - Room for Debate Blog - NYTimes.com](#)
3. [Behind the Protests, Social Upheaval in Iran - Room for Debate](#) . NYTimes.com
4. [Slipping Oil Prices: Is the Oil Rich Middle East Prepared?](#) October 21, 2008
5. [Egypt's Education System: Parents and Students Emerge as a New Force for Reform](#), October 1, 2008
6. [Pursuing a Positive Agenda for the Middle East](#),” in *Top 10 Global Economic Challenges Facing America's 44th President*, October 2008
7. [Has Poverty Increased in Iran Under Ahmadinejad?](#) August 05, 2008
8. [Iran's Economy: Short Term Performance and Long Term Potential](#), May 23, 2008
9. [Are Iranian Women Overeducated?](#) March 05, 2008
10. [Israel, Iran, and the Unthinkable](#), Letter to the Editor, *New York Times*, July 21, 2008.

11. "[A parting gift that is unlikely to impress Iraqis](#), Letter to Editor, *Financial Times*, September 17, 2007.
12. "[Western strategy should take account of less familiar Iran filled with hope](#)," Letter to Editor, *Financial Times*, July 6, 2006.
13. [The Tale of Two Professions](#)", the H.A.N.D. Research Foundation. Advancing Research on Iran's Economy, 2006.
14. "ERF Fellow's book wins academic acclaim but can it influence policy?" *Forum*, VOL. 9, NO. 2, Summer 2002, ERF, Cairo.

Working papers

1. Stalled Youth Transitions in the Middle East, with Navtej Dhillon, Wolfensohn Center for Development, Brookings Institution.
2. Youth Exclusion in Iran: The State of Education, Employment and Family Formation, with Daniel Egel, Working Paper, Wolfensohn Center for Development, The Brookings Institution, 2007.
3. Demographic swings and early childhood education in Iran, with Hania Kamel, 2006
4. Microeconomics of growth in Iran: macro growth and micro transformation, 2006
5. Iran's Third Development Plan, a reappraisal, 2005.
6. Labor market flexibility and investment in human capital, with Russ Murphy, revisions requested by the *Journal of Development Economics* (revision requested).
7. The participation of urban women in market work in Iran, funded under a grant from the Economic Research Forum for the Arab Countries, Iran and Turkey, 2004.
8. Mobility and poverty in Iran: what can we learn from the 1992-95 panel data? Funded under a grant from the Economic Research Forum for the Arab Countries, Iran and Turkey, 2001.
9. Fertility transition or intertemporal substitution: evidence from household data, with Ajay Tandon, mimeo, Department of Economics, VPI&SU, 2001.
10. Intergenerational transfer of human capital from parents to children: does neighborhood matter? with Huei-Ling Chen, 1999.
11. Testing OPEC Behavior: A Comment, VPI&SU Department of Economics Working Paper No. E87-01-02, 1987.

Unpublished reports

1. Market work of women in Iran, the World Bank, 2006.
2. Building capacity for poverty monitoring at the Statistical Center of Iran, report presented to UNDP-Tehran, 2003.

3. "A Macroeconomic Analysis of the Agricultural Sector in Haiti," with Thomas Whitney, VPI&SU Office of International Research and Development, prepared for the United States Agency for International Development, 1989.
4. "Review of the Public Investment Program in Malawi," mimeo, the World Bank, 1985.
5. *Review of Public Expenditures in Sierra Leone*, volumes I and II, with Rashid Faruqee *et al.*, the World Bank, 1986.
6. "The Macroeconomic Effects of the Bumbuna Hydroelectric Dam: A Computable General Equilibrium Model," mimeo, the World Bank, 1983.

Professional Organizations and Activities

- Member, Editorial Board, *Middle East Development Journal*
- Member, Board of Trustees, Economic Research Forum, Cairo, 2001-2006.
- Advisory Committee, Economic Research Forum, 1996-2001, 2006-present.
- Research Fellow (lifetime), Economic Research Forum, 1993-present.
- Member, Board of Directors, Middle East Economics Association, 1996-1997.
- Member, Editorial Committee and Board of Directors, *Middle East Report*, 1997-2000.
- Member, Program Committee, Biennial Conference of Society for Iranian Studies, 2000 and 2006.
- Member, American Economic Association, Population Association of America, Middle East Studies Association of North America, and the Society for Iranian Studies.

Honors and Awards

- Arj prize, first place award in the nationwide entrance examinations, Tehran University, Iran, 1967.
- Central Bank of Iran scholarship, 1967-74.
- Fellowship, Harvard University Center for Population Studies, 1973-75 (stipend and tuition).
- Honorary Fellow, The Population Council, 1973-74.
- Teaching Excellence Award, the R. B. Pamplin College of Business, VPI&SU, 1988.
- Senior Associate Member, St. Anthony's College, the University of Oxford, 1991-92.
- Social Science Research Council, Middle East Research Fellow, 1994-95.
- Teacher of the Year Award, the Epsilon Chapter of Omicron Delta Epsilon (in conjunction with the Economics Club of Virginia Tech), 1996-97.
- [Noteworthy Book](#) of 2001 by Princeton University Industrial Relations Section for *Labor and Human Capital in the Middle East: Studies of Markets and Household Behavior*, Reading, England: Ithaca Press, 2001.