

WADI D. HADDAD, Ph.D.

Résumé and List of Publications

Dr. Haddad is a leading educator and scientist with wide experience and expertise in educational development, strategic planning and analysis, and educational technologies. He also has had a distinguished career in public policy, international economic and social development, and high-level management.



General

- Born in Lebanon; Naturalized United States Citizen
- Languages: English and Arabic; French (limited proficiency)
- Email address: whaddad@KnowledgeEnterprise.org

Education

- 1967 Ph.D., Science Education, University of Wisconsin
- 1964 M.A., Physics and Education, American University of Beirut
- 1962 B.S., Physics, American University of Beirut

Career - Currently

- Founder and President, Knowledge Enterprise, LLC
- Founder and Editor-in-Chief, of **TechKnowLogia**, an international online journal of technologies for the advancement of knowledge and learning (<http://www.TechKnowLogia.org>)
- Commissioner of the **Global Information Infrastructure Commission** - comprised largely of CEOs of major global companies from around the world (<http://www.giic.org>)
- Member of Advisory Board, Americans for UNESCO

Previous Appointments and Experience

World Bank Group

- Director and Deputy Corporate Secretary (1995-1996)
- Senior Adviser for Human Development, Office of the Vice President, Africa Region (1993-1995)
- Special Representative of the World Bank to the United Nations System, New York (1991-1993)
- Senior Adviser, Population and Human Resource Department (1989-1991)
- Chief, Education and Employment Division (Policy and research) (1987-1989)
- Chief, Western Africa Education Projects Division (1981-1982)
- Education Specialist and Adviser (1976-1981)

International Education Development

- Special Adviser to the Director-General of UNESCO (1997-1998)
- Executive Secretary of the World Conference on Education for All (1989-1990)

- Member of Council of 21 (a group of 21 distinguished leaders in business, education and technology under the honorary chairmanship of Senator/astronaut John Glenn) which issued recommendations on Preparing American School Systems for the 21st Century.
- Chairman, International Advisory Board of the International Literacy Institute, University of Pennsylvania (1995-2000)
- Trustee, 21st Century Education Initiative (1998)
- Member, U.S. EFA 2000 Assessment Oversight Commission (1980)

Science and Technology

- Member of the International Scientific Advisory Board of UNESCO (1998-1999)
- Provided advice and assistance in the area of integrating Information and Communication Technologies into educational and learning systems to the many countries and institutions, including Brazil, Venezuela, Peru, Colombia, Argentina, Jordan, Kuwait, Gulf Cooperation Council, World Bank, Inter-American Development Bank, UNESCO, and Academy for Educational Development
- Developed materials for and conducted seminars on strategic planning for integration of technologies into education for policy makers in many countries, including Argentina, Jordan, Pacific islands, Pakistan, Philippines, and Thailand, for Ministers of Education in the Arab States and in South Pacific Islands, and for project officers at the World Bank.
- Designed and authored an ICT-in-Education Toolkit that provides education policy makers, planners and practitioners with a set of tools to assist them in the process of harnessing the potential of Information and Communication Technologies (ICTs) to meet educational goals and targets efficiently and effectively. (www.ictinedtoolkit.org)
- Designed and supervised a major project, the **International Virtual Education Network (IVEN) for the Enhancement of Science and Mathematics Learning** - a collaborative cross-country project in Latin America. The backbone of the project is the development of multimedia modules for the whole science and math program for the last two years of secondary schools.

High-level Government Appointments

- Chief Adviser to the President of Lebanon for National Policy and Strategic Affairs at the Cabinet level (1982-1984)
- President of the Lebanese Center for Educational Research and Development (1972-1976); a post equivalent to that of a minister/secretary of education with responsibility for educational planning, curriculum and instructional materials development, teacher training and research.

Academia

- Adjunct Professor, Education Policy Analysis George Washington University, Washington, D.C. (1997)
- Visiting Senior Fellow at the Center for Strategic and International Studies, Washington, D.C. (1984-1985)
- Associate Professor and Director of the Science and Mathematics Education Center at the American University of Beirut (1966-1972)
- Physics Teaching Assistant, American University of Beirut (1962-1964)

Private Sector

- President, Trans Development Corporation, Vienna, Virginia (1985-1987)
- Chairman, Digital Medicine Corporation, Boston (1985-1987)

Publications

Author of over 20 books and monographs and more than 30 articles in the fields of science education, public policy, international development, and technologies for learning (**See below**)

Conferences, Seminars and Lectures

- Keynote speaker in many major conferences worldwide, including those involving ministers of education and science, CEOs of technology companies, presidents of Universities and chief executives of development organizations
- Participant in summit meetings of heads of state and government
- Speaker in hundreds of seminars and professional gatherings

Selected Publications**Books**

1. Haddad, Wadi D. (Editor). 2005. *Technologies for Education for All: Possibilities and prospects in the Arab Region*. Academy for Educational Development, Washington, D.C.
Author of the following chapter:
 - Technologies for Education for All: Luxury or necessity?
2. Haddad, Wadi D, and Draxler, Alexandra (Editors). 2002. *Technologies for Education: Potential, Parameters and Prospects*. UNESCO, Paris & Academy for Educational Development, Washington, D.C.
Co-authored the following chapters:
 - "The Dynamics of Technologies for Education" with Alexandra Draxler
 - "ICT for Education: Potential and Potency" with Sonia Jurich
 - "ICT for Education: Prerequisites and Constraints" with Sonia Jurich
 - "Are We There Yet?" with Alexandra Draxler(Available online: http://www.ictinedtoolkit.org/usere/library_detail.php?content_id=3)
3. Haddad, Wadi D. and Terri Demsky. (1995). *Education Policy-Planning Process: An Applied Framework*. International Institute for Educational Planning, UNESCO, Paris.
(Available online: http://www.unesco.org/education/pdf/11_200.pdf)
4. Haddad, Wadi D. and Terri Demsky. 1994. *The Dynamics of Education Policymaking*. World Bank, Washington, D.C.
5. Haddad, Wadi D. and others. 1990. *Education and Development: Evidence for New Priorities*. World Bank, Washington, D.C.
6. Haddad, Wadi D., and others. 1990. *Meeting Basic Learning Needs: A Vision for the 1990s*. Inter-Agency Commission, New York. (Published also in Arabic, French and Spanish)
7. Haddad, Wadi D. 1985. *Lebanon--The Politics of Revolving Doors*. Praeger Publishers, New York.
8. Haddad, Wadi Dahir. 1982. *The Efficiency of the Education System*. Center for Educational Research and Development, Beirut. (Arabic)
9. Haddad, Wadi D., and others. 1980. *Education - A Sector Policy Paper*. World Bank, Washington, D.C. (Published also in French, Spanish, Arabic, Chinese and Japanese)

10. Avalos, Beatrice, and Wadi Haddad. 1979. *A Review of Teacher Effectiveness Research in Africa, India, Latin America, Middle East, Malaysia, Philippines, and Thailand: Synthesis of Results*. International Development Research Center, Ottawa. (Published also in Spanish).
11. Participated in writing and editing (Project Director): 1972. *Physical Science*. Ministry of National Education, Beirut. (Published also in French).
12. Participated in writing and editing (Project Director): 1971. *Physical Science - A Source book for Teachers of Intermediate I*. Ministry of National Education, Beirut. 1972. (Published also in French)

Monographs and Chapters in Books

1. Haddad, Wadi D. 2003. "The View from Above (Filling the Screen): The (Dual) Impact of Global Media." In Hernes, Gudmund (Editor). *Planning for Diversity: Education in Multi-ethnic and Multi-cultural Societies*. International Institute for educational Planning, Paris.
2. Haddad, Wadi D. 2001. "The Challenges of Access to and Quality of Distance Education." In Beck, Uwe, and Sommer, Winfried (Eds.) *LEARNTEC 2001- 9th European Congress and Trade Fair for Educational and Information Technology*. Karlsruhe Congress, Germany.
3. Haddad, Wadi D. 1999. *Education for All for the 21st Century*. Academy for Educational Development, Washington, D.C.
4. Haddad, Wadi D. 1998. "Education for All in the Age of Globalization: The Role Of Information Technology." In De Moura Castro, Claudio (Ed.) *Education in the Information Age*. Inter American Development Bank, Washington, D.C.
5. Haddad, Wadi D., and others. 1990. *Final Report - World Conference on Education for All*. Inter-Agency Commission, New York.

World Bank Monographs

1. Haddad, Wadi D. and others. 1995. *Human Resources Development in Africa: To get Results on the Ground. Bank Strategies and Action*. Africa Region, World Bank, Washington, D.C.
2. Haddad, Wadi D. 1992. "The Development of Human Resources in Developing Countries". *In Development Issues: Presentations to the 42nd Meeting of the Development Committee*. World Bank, Washington, D.C.
3. Haddad, Wadi D., and others. 1991. *Human Development: A Bank Strategy for the 1990s*. World Bank, Washington, D.C.
4. Haddad, Wadi and Shanti Conly. 1987. *Diversified Secondary Curriculum Projects: A Review of World Bank Experience, 1963-1979*. EDT Discussion Paper No. 57.
5. Haddad, Wadi and Terri Demsky. 1987. *Planning and Mobilization of Financial Resources for Education in the Middle East*. EDT Discussion Paper No. 92.
6. Haddad, Wadi, Gail Stevenson and Arvil Adams. 1987. *Youth Unemployment in the EMENA Region: An Issues Paper*. EDT Discussion Paper No. 76.
7. Haddad, Wadi and George Za'rour. 1986. *Role and Educational Effects of Practical Activities in Science Education*. EDT Discussion Paper No. 51.

8. Haddad, Wadi. 1986. *Teacher Training: Review of World Bank Experience*. EDT Discussion Paper No. 21.
9. Haddad, Wadi. 1979. *Educational and Economic Effects of Promotion and Repetition Policies*. Staff Working Paper No. 319.
10. Haddad, Wadi D. 1978. *Educational Effects of Class Size*. Staff Working Paper No. 280.

Articles Published in TechKnowLogia

(Available online at www.TechKnowLogia.org)

1. Haddad, Wadi D. January-March 2003. "Is Instructional Technology a Must for Learning?"
2. Haddad, Wadi D. October –December 2002. "Technology and Teacher Education: Making the Connection."
3. Haddad, Wadi D. July-September 2002. "Technologies for All: A Dream or a Nightmare?"
4. Haddad, Wadi D. April - June 2002. "Virtual Education: Between Virtuality and Reality"
5. Haddad, Wadi D. January - March 2002. "Technologies for Education and Learning: More than Meets the Eye"
6. Haddad, Wadi D. November/December 2001. "Language Acquisition in the Knowledge Society"
7. Haddad, Wadi D. September/October 2001. "The Child: Between Touching Buttons and Touching Hands"
8. Haddad, Wadi D. July/August 2001. "Social Action: The Road to Where?"
9. Haddad, Wadi D. May/June 2001. "E-Learning Beyond the Workplace"
10. Haddad, Wadi D. March/April 2001. " International Virtual Education Network (IVEN) for the Enhancement of Science and Math Learning in Latin America"
11. Haddad, Wadi D. and Jurich, Sonia. March/April 2001 "The Potential of Technologies for the Enhancement of Science and Mathematics Teaching and Learning"
12. Haddad, Wadi D. March/April 2001. "Touching the Untouchable"
13. Haddad, Wadi D. January/February 2001 "The Education Enterprise: Is it Manageable?"
14. Haddad, Wadi D. November/December 2000. "Teachers...Training...and Technology"
15. Haddad, Wadi D. September/October 2000. "Lifelong Learning: From Desirability to Feasibility"
16. Haddad, Wadi D. July/August 2000. "Skill Training: Aiming at a Moving Target"
17. Haddad, Wadi D. May/June 2000. "Technology for Basic Education: A Luxury or a Necessity?"
18. Haddad, Wadi D. March/April 2000. "Is the Divide Digital?"

19. Haddad, Wadi D. January/February 2000. "Higher Education: The Ivory Tower and the Satellite Dish"
20. Haddad, Wadi D. November/December 1999. "If Technology is the Solution, Where is the Problem?"
21. Haddad, Wadi D. September/October 1999. "TechKnowLogia: It's About Knowledge and Learning"

Articles Published in Other Journals

1. Haddad, Wadi D. 1997. "Globalization of the Economy: The Implications for Education and Skill Formation," *Prospects*, Vol. 27, No. 1, pp. 35-40.
2. Haddad, Wadi D. 1990. "Education for All: The Role of International Aid", *Prospects*, Vol. 20, No. 4, pp. 525-536.
3. Haddad, Wadi D. 1983. "Summary of the 1980 World Bank Sector Policy Paper", *Canadian and International Education*, 12(1).
4. Haddad, Wadi D. 1971. "Analysis of the Science Content of the Arabic Press of the Middle East", *School Science and Mathematics*, Vol. 71, No. 5 pp. 411-422.
5. Haddad, Wadi D. 1971. "Nature and Language of Scientific Terms in the Arabic Press of the Middle East", *Journal of Educational Research*, Vol. 64, No. 10, pp. 465-474.
6. Haddad, Wadi D. 1974. "Interaction Between Science and Society in the Arabic Press of the Middle East", *Science Education*, Vol. 58, No. 1, pp. 35-49.
7. Haddad, Wadi D., and Pella, M.O. 1972. "Relationship Between Mental Maturity and Level of Understanding of Concepts of Relativity in Grades 4-8". *Journal of Experimental Education*, Vol. 41, No. 1, pp. 20-30.
8. Haddad, Wadi D. 1969. "Secondary School Science and the University", in *University Development: Continuity and Change*, American University of Beirut, pp. 164-168.