

# References

- About.com. (2007). "Women Truck Designers: The Women behind the Scenes." *4-Wheel Drive/Offroading*, <<http://4wheeldrive.about.com/library/weekly/aa062101b.htm>> (July 9, 2007).
- Accreditation Board for Engineering and Technology (ABET). (2006). *Engineering Change: A Study of the Impact of EC2000, Report, and Appendix D: Engineering Criteria 2000*, ABET, Baltimore, Md.
- American Association of Engineering Societies (AAES). (1994). *The Role of Engineering in Sustainable Development: Selected Readings and References for the Profession*, AAES and World Engineering Partnership for Sustainable Development, Washington, D.C.
- American Electronics Association (AEA). (2007). *We Are Still Losing the Competitive Advantage: Now Is the Time to Act*, AEA, Washington, D.C.
- American Institute of Architects (AIA). (2004). *Code of Ethics and Professional Conduct*, <<http://www.aia.org/SiteObjects/files/codeofethics.pdf>> (April 26, 2007).
- American Society of Civil Engineers (ASCE). (2001). *Engineering the Future of Engineering*, Report of the Task Committee on the First Professional Degree, ASCE, Reston, Va.
- . (2004). *Civil Engineering Body of Knowledge for the 21st Century: Preparing the Civil Engineer for the Future*, ASCE, Reston, Va.
- . (2005). *Raise the Bar* 2(3, August).

- . (2007a). *Official Register*, ASCE, Reston, Va.
- . (2007b). *The Vision for Civil Engineering in 2025* (draft), ASCE, Reston, Va.
- ASCE News. (2004). "ASCE Releases Report on Body of Knowledge for 21st-Century Engineers." 29(3, March).
- Asian Academies of Engineering. (2004). *Asian Engineers' Guidelines of Ethics*, adopted by the Chinese Academy of Engineering, the Engineering Academy of Japan, and the National Academy of Engineering in Korea, <[http://www.eaj.or.jp/openevent/declaration/declaration\\_e.pdf](http://www.eaj.or.jp/openevent/declaration/declaration_e.pdf)> (April 26, 2007).
- Augustine, Norman R. (1994). "L.A. Engineers." *The Bridge*, Fall.
- . (1998). Comments at AIAA Summer Meeting, June 16, <<http://www.ieeeusa.org/policy/guide/quotes.html>> (July 9, 2007).
- Axelrod, Alan. (1999). *Patton on Leadership: Strategic Lessons for Corporate Warfare*, Prentice Hall, New Jersey.
- Baum, R. (1980). *Ethics and Engineering Curricula*, Institute of Society, Ethics and Life Sciences, New York.
- Berkeley. (2007). "Degree Programs." University of California, Berkeley, Department of Civil and Environmental Engineering, Engineering & Project Management Program, <<http://www.ce.berkeley.edu/epm/degrees/programs.html>> (August 12, 2007).
- Bordogna, Joseph. (2003). Address to the Meeting of the Engineering Workforce Commission, Washington, D.C., October 29, 2003.
- . (2004). "Diversity in the Professions: A New Challenge for Success." Presentation to ABET Annual Meeting Session, Nashville, Tenn., October 29. <[http://www.nsf.gov/news/speeches/bordogna/04/jb041029\\_abet.jsp](http://www.nsf.gov/news/speeches/bordogna/04/jb041029_abet.jsp)> (July 9, 2007).
- Brundtland, Gro Harlem. (1987). *Our Common Future: The Brundtland Report*, Oxford University Press for United Nations World Commission on Environment and Development, Oxford, U.K.
- Bush, Vannevar. (1945). *Science: The Endless Frontier*, A Report to the President by Vannevar Bush, Director of the Office of Scientific Research and Development. U.S. Government Printing Office, Washington, D.C.
- Carnegie Endowment for International Peace (CEIP). (2007). *What Is Globalization?* <[http://www.globalization101.org/What\\_is\\_Globalization.html](http://www.globalization101.org/What_is_Globalization.html)> (April 26, 2007).
- Casartelli, Giovanni. (2001). *Consulting Services Manual: A Comprehensive Guide to Selection of Consultants*, World Bank, Washington, D.C.
- Catalyst, Inc. (1999). *Women Scientists in Industry: A Winning Formula for Companies*, Catalyst, New York.
- . (2003). *Women in U.S. Corporate Leadership: 2003*, Catalyst, New York.

- . (2004). *The Bottom Line: Connecting Corporate Performance and Gender Diversity*, Catalyst, New York.
- Committee on Prospering in the Global Economy in the Twenty-First Century (Committee on Prospering). (2007). *Rising above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future*, National Academies Press, Washington, D.C.
- Congressional Commission on the Advancement of Women and Minorities in Science, Engineering and Technology Development (CAWMSET). (2000). *Land of Plenty: Diversity as America's Competitive Edge in Science, Engineering, and Technology*, <[http://www.nsf.gov/pubs/2000/cawmset0409/cawmset\\_0409.pdf](http://www.nsf.gov/pubs/2000/cawmset0409/cawmset_0409.pdf)> (May 1, 2007).
- Cornell Chronicle. (2001). "Engineering Academy's President Will Talk on Diversity, Computing Growth." 32(29), April 5, 2001, 7.
- Cornell University. (1964). *Proposed Modification of the Degree Program in the College of Engineering*, Report by Engineering Policy Committee, Cornell University, Ithaca, N.Y., April.
- Cottrell, David. (2002). *Monday Morning Leadership: 8 Mentoring Sessions You Can't Afford to Miss*, Cornerstone Leadership Institute, Dallas, Texas.
- da Rocha Brito, Claudio, and da Rocha Brito, Melany M.C.T. (undated). "A New Engineer for a New Global Market." Department of Applied Sciences and Mathematics, University Center of Lusíada, Brazil.
- Elkington, John. (1998). *Cannibals with Forks: The Triple Bottom Line of 21st Century Business*, New Society Publishers, Stony Creek, Conn.
- Fleddermann, Charles B. (2004). *Engineering Ethics*, Pearson Education, Upper Saddle River, N.J.
- Friedman, Thomas L. (2005). *The World Is Flat: A Brief History of the Twenty-First Century*, Farrar, Straus and Giroux, New York.
- Harris, Charles E., Jr., Pritchard, Michael S., and Rabins, Michael J. (2005). *Engineering Ethics: Concepts and Cases*, 3rd ed., Thompson/Wadsworth, Belmont, Calif.
- Harris Interactive. (2004). "Doctors, Scientists, Firemen, Teachers and Military Officers Top List as 'Most Prestigious Occupations.'" *Harris Poll* 65(15 September), <[http://www.harrisinteractive.com/harris\\_poll/index.asp?PID=494](http://www.harrisinteractive.com/harris_poll/index.asp?PID=494)> (July 9, 2007).
- Hatch, Sybil E. (2006). *Changing Our World: True Stories of Women Engineers*, ASCE Press, Reston, Va.
- Hawkins, John N., and Cummings, William K. (eds.). (2000). *Transnational Competence: Rethinking the U.S.-Japan Educational Relationship*, SUNY Press, Albany, New York.
- Helsinki University of Technology (HUT). (2007). "Studying Construction Economics and Management in HUT (CEM)," <<http://www.tkk.fi/Yksikot/Rakentamistalous/Opetus/education.htm>> (July 9, 2007).

- Hoffman, Edward. (2005). "Message Relay, Project Leadership: Focus, Adapt, Trust." *Leadership in Project Management Annual 2005*, 1, 22.
- Hoover, Herbert. (1961). "The Profession of Engineering." *The Memoirs of Herbert Hoover*, Vol. 1, Macmillan, New York.
- Hope College. (2000). *Report of the Hope College Conference on Designing the Undergraduate Curriculum in Communication*, <<http://www.hope.edu/academic/communication/ecc/report.html>> (April 26, 2007).
- Huang, Gary, Taddese, Nebiyu, and Walter, Elizabeth. (2000). *Entry and Persistence of Women and Minorities in College Science and Engineering Education*, Research and Development Report NCES 2000-601, National Center for Education Statistics, U.S. Department of Education, Washington, D.C.
- Institute of Electrical and Electronics Engineers, Inc. (IEEE). (2005). "How to Communicate with Members of Congress: The Basics." *Engineers Guide to Influencing Public Policy*, <<http://www.ieeeusa.org/policy/guide/basics.html>> (May 2, 2007).
- Institute of International Education (IIE). (1997). *Towards Transnational Competence—Rethinking International Education: A U.S.-Japan Case Study*, IIE, New York, N.Y.
- Institution of Civil Engineers (ICE). (2004). *Code of Professional Conduct*, <<http://www.ice.org.uk/downloads/CODE%20OF%20PROFESSIONAL%20CONDUCT.doc>> (April 26, 2007).
- International Federation of Consulting Engineers (FIDIC). (2004). *Conflict of Interest*, FIDIC Policy Statement 21, <<http://www1.fidic.org/about/statement21.asp>> (April 26, 2007).
- Jackson, Shirley A. (2003). *Envisioning a 21st Century Science and Engineering Workforce for the United States: Tasks for University, Industry, and Government*, National Academies Press, Washington, D.C.
- Japan Society of Civil Engineers (JSCE). (2004). Roundtable discussion on women in civil engineering, June 2, 2004, Tokyo, Japan.
- Kennedy, Theodore C. (2006). "The 'Value-Added' Approach to Engineering Education: An Industry Perspective." *The Bridge*, 36(2), 14-16.
- Kenney, Martin, and Dossani, Rafiq. (2005). "Offshoring and the Future of U.S. Engineering: An Overview." *The Bridge*, 35(3), 5-12.
- Kydd, Peter. (2006). "A Toolkit for Sustainability." *Notes*, Parsons Brinckerhoff magazine, December, 11.
- Lattuca, Lisa R., Terenzini, Patrick T., Volkwein, J. Fredericks, and Peterson, George D. (2006). "The Changing Face of Engineering Education." *The Bridge*, 36(2), 5-13.
- Mackay, Hugh. (1994). *Why Don't People Listen? Solving the Communication Problem*, Pan Australia, Sydney.
- Mantell, Murray I. (1964). *Ethics and Professionalism in Engineering*, Macmillan, New York.

- Martin, M., and Schinzinger, R. (2004). *Ethics in Engineering*, 4th ed., McGraw-Hill, New York.
- Maryland Higher Education Commission. (1999). *Standards for General Education Speech Communication Courses*, <<http://mhcc.stac.usmd.edu/app-spc.html>> (April 26, 2007).
- Maxwell, John. (2003). "Appraise and Improve Your Leadership Skills." *Atlanta Business Chronicle*, February 21.
- Maynard, M. (1999). "Ford Windstar's Designing Women." *USA Today*, November 12.
- McGuire, W., and Berth, D. (1965). "Cornell's New Engineering Degree Program." *The Cornell Engineer* (January).
- Metcalf, Jenni. (2002). "Communication Planning for Scientists and Engineers," *Workbook on Communication and Management and Media Skills for Scientists & Engineers*, Foundation for Education, Science and Technology.
- National Academy of Engineering (NAE). (2002). *Raising Public Awareness of Engineering*, Lance A. Davis and Robin D. Gibbin, eds., National Academies Press, Washington, D.C.
- . (2004). *The Engineer of 2020: Visions of Engineering in the New Century*, National Academies Press, Washington, D.C.
- . (2005). *Educating the Engineer of 2020: Adapting Engineering Education to the New Century*, National Academies Press, Washington, D.C.
- National Council of Examiners for Engineering and Surveying (NCEES). (2007). *Model Law*. (September 2006). NCEES, Clemson, South Carolina, <[http://www.ncees.org/introduction/about\\_ncees/ncees\\_model\\_law.pdf](http://www.ncees.org/introduction/about_ncees/ncees_model_law.pdf)> (July 9, 2007).
- National Research Council (NRC). (1986). *Engineering Education and Practice in the United States: Engineering Undergraduate Education*, Panel on Undergraduate Education, Committee on the Education and Utilization of the Engineer, Commission on Engineering, National Academy Press, Washington, D.C.
- National Science Board (NSB). (2006). *Science and Engineering Indicators 2006*, Vol. 1, National Science Foundation, Arlington, Va.
- National Science Foundation. (2003). *New Formulas for America's Workforce: Girls in Science and Engineering*, National Science Foundation, Arlington, Va.
- . (2004). *Women, Minorities, and Persons with Disabilities in Science and Engineering 2004*, NSF 04-317, Arlington, Va.
- Nichols, Ralph G., and Stevens, Leonard A. (1957). "Listening to People." *Harvard Business Review*, September 1, 85.
- Nielsen, Kris R. (2006). "Risk Management Lessons from Six Continents." *Journal of Management in Engineering*, 22(2), 61–67.

- Pear, Robert. (2005). "U.S. Minorities Are Becoming the Majority." *International Herald Tribune*, August 13.
- Perkins, Dennis N. T., Holtman, Margaret P., Kessler, Paul R., and McCarthy, Catherine. (2000). *Leading at the Edge: Leadership Lessons from the Extraordinary Saga of Shackleton's Antarctic Experience*, AMACOM, New York.
- Peterson, Ralph R. (2005). "Twenty-First Century Leadership Challenges." *Engineering Times*, National Society of Professional Engineers, May.
- Pletta, Dan Henry. (1984). *The Engineering Profession: Its Heritage and Its Emerging Public Purpose*, University Press of America, Lanham, Md.
- Project Management Institute (PMI). (2004). *Guide to the Project Management Body of Knowledge*, 3rd ed., ANSI/PMI 99-001-2004, Project Management Institute, Newtown Square, Pa.
- Ramaley, Judith. (2004). "Engineering as the Practical Expression of Liberal Education." Distinguished Lecture, American Society for Engineering Education meeting, Salt Lake City, Utah, June 23.
- Silbergliitt, Richard, Antón, Philip S., Howell, David R., and Wong, Anny. (2006). *The Global Technology Revolution 2020, In-Depth Analyses: Bio/Nano/Materials/Information Trends, Drivers, Barriers, and Social Implications. Executive Summary*. Report TR-303-NIC, RAND Corporation, Santa Monica, Calif.
- Society of Petroleum Engineers (SPE). (2006). "Validating Engineering Competence." *Journal of Petroleum Technology* 58(7), <[http://www.spe.org/spe-app/spe/jpt/2006/07/SPE\\_news\\_jul06.htm](http://www.spe.org/spe-app/spe/jpt/2006/07/SPE_news_jul06.htm)> (July 9, 2007).
- Strong, Brent. (2003). "Beat Back the Nerd and Awaken Your Inner Leader—Why Engineers Should Read Shakespeare." *Composites Fabrication*, February.
- Sununu, John. (2003). John Sununu Talks about the Role of Engineers in Public Policy. *Purdue News*, March 24.
- United Nations. (2004). *World Urbanization Prospects: The 2003 Revision*, Population Division, Department of Economic and Social Affairs, United Nations, New York.
- . (2007). *World Population Prospects: The 2006 Revision Population Database*, <<http://esa.un.org/unpp/>> (July 9, 2007).
- United Nations Commission on Environment and Development (UNCED). (2007). Chairman's Summary, Fifteenth Session of the Commission on Sustainable Development, May 11.
- United Nations Educational, Scientific and Cultural Organization (UNESCO). (2000). "Science Agenda—Framework for Action." *World Conference on Science: Science for the Twenty-First Century: A New Commitment*, UNESCO, Paris, 476–485.

- U.S. Army Corps of Engineers. (2003). "Communication Guide." *USACE 2012*, <<http://www.hq.usace.army.mil/stakeholders/Communications.htm>> (April 26, 2007).
- University of Newcastle. (2005). "Master of Engineering Management." *Program Finder*, <<http://www.newcastle.edu.au/program/11277.html>> (July 9, 2007).
- University of Wisconsin. (2007). "MEPP and Your Engineering Career." Master of Engineering in Professional Practice, <<http://mepp.engr.wisc.edu/why/career.lasso>> (July 9, 2007).
- Villanova University. (2007). "The Masters Certificate in Project Management." Villanova Continuing Studies, <<http://www3.villanova.edu/continuingstudies/mcpmp/>> (July 9, 2007).
- Washington Accord. (2006). <[http://www.washingtonaccord.org/wash\\_accord\\_agreement.html](http://www.washingtonaccord.org/wash_accord_agreement.html)> (April 26, 2007).
- Weingardt, Richard G. (1995). "Engineers as Lawmakers." *Civil Engineering News*, November.
- Wisely, William H. (1978). "Public Obligation and the Ethics System." *Preprint No. 3415*, American Society of Civil Engineers, New York.
- World Bank. (2006). *Consulting Services Manual 2006*, World Bank, Washington, D.C.
- World Economic Forum. (2004). *Partnering against Corruptions: Principles for Countering Bribery*, <[http://www.weforum.org/pdf/paci/principles\\_short.pdf](http://www.weforum.org/pdf/paci/principles_short.pdf)> (April 26, 2007).