

Bibliography

On World-Class Universities

- Aghion, P., M. Dewatripont, C. Hoxby, A. Mas-Colell, and A. Sapir. 2007. "Why Reform Europe's Universities?" Policy Brief 2007/04, Bruegel, Brussels.
- . 2008. "Higher Aspirations: An Agenda for Reforming European Universities." Vol. V, Blueprint Series, Bruegel, Brussels. Retrieved December 2, 2008, from http://www.bmwf.gv.at/fileadmin/user_upload/europa/bologna/BPJULY2008University_1_.pdf.
- Alden, J., and G. Lin. 2004. "Benchmarking the Characteristics of a World-Class University: Developing an International Strategy at University Level." Leadership Foundation for Higher Education, London.
- Altbach, Philip G. 2003. "The Costs and Benefits of World-Class Universities: An American's Perspective." Hong Kong America Center, Chinese University of Hong Kong, Hong Kong, China.
- . 2004. "The Costs and Benefits of World-Class Universities." *Academe* 90 (1, January-February). Retrieved April 10, 2006, from <http://www.aaup.org/AAUP/pubsres/academe/2004/JF/Feat/altb.htm>.
- . 2005. "A World-Class Country without World-Class Higher Education: India's 21st Century Dilemma." *International Higher Education* (40, Summer): 18–20. Retrieved April 10, 2007, from http://www.bc.edu/bc_org/avp/soe/cihe/newsletter/ihe_pdf/ihe40.pdf.

- Bradshaw, D. 2007. "India's Elite Schools Aim at Autonomy." *Financial Times*, October 14.
- Brown, Susan. 2007. "China Challenges the West in Stem-Cell Research: Unconstrained by Public Debate, Cities Like Shanghai and Beijing Lure Scientists with New Laboratories and Grants." *Chronicle of Higher Education* 53 (32, April 13): A14–A18.
- BusinessWeek*. 2007. "The Dangerous Wealth of the Ivy League." *BusinessWeek* (November 29). Retrieved December 3, 2008, from http://www.businessweek.com/magazine/content/07_50/b4062038784589.htm.
- Carey, K. 2007. "America's Best Community Colleges: Why They're Better Than Some of the 'Best' Four-Year Universities." *Washington Monthly* (June). Retrieved July 18, 2008, from <http://www.washingtonmonthly.com/features/2007/0709.careyessay.html>.
- Csikszentmihalyi, M. 1997. *Creativity: Flow and the Psychology of Discovery and Invention*. New York: HarperCollins.
- Deem, R., K. H. Mok, and L. Lucas. 2008. "Transforming Higher Education in Whose Image? Exploring the Concept of the 'World-Class' University in Europe and Asia." *Higher Education Policy* 21 (1): 83–97.
- Donoghue, S., and M. Kennerley. Forthcoming. "Our Journey Towards World Class: Leading Transformational Strategic Change." *Higher Education Management and Policy*.
- Economist*. 2005. "Secrets of Success." *Economist* 376 (8443, September 8): 6. Retrieved December 2, 2008, from http://www.economist.com/surveys/displaystory.cfm?story_id=E1_QPPJJQQ.
- French, Howard W. 2005. "China Luring Foreign Scholars to Make Its Universities Great." *New York Times*, October 28.
- Goodall, A. 2006. "The Leaders of the World's Top 100 Universities." *International Higher Education* (42, Winter): 3–4. Retrieved December 2, 2008, from http://www.bc.edu/bc_org/avp/soe/cihe/newsletter/ihe_pdf/ihe42.pdf.
- Harman, G., and K. Harman. 2008. "Strategic Mergers of Strong Institutions to Enhance Competitive Advantage." *Higher Education Policy* 21 (1): 99–121.
- Hatakenaka, S. 2007. "Culture of Innovation: Lessons from International Experience." Unpublished paper, Massachusetts Institute of Technology (MIT).
- Kahn, A., and V. Malingre. 2007. "Les French economists font école." *Le Monde*, February 22, 3.
- Kehm, B. 2006. "The German 'Initiative for Excellence' and the Issue of Ranking." *International Higher Education* (44, Summer). Retrieved December 2, 2008, from http://www.bc.edu/bc_org/avp/soe/cihe/newsletter/ihe_pdf/ihe44.pdf.
- Khoon, K. A., R. Shukor, O. Hassan, Z. Saleh, A. Hamzah, and R. Ismail. 2005. "Hallmark of a World-Class University." *College Student Journal* (December).

- Retrieved April 10, 2007, from http://findarticles.com/p/articles/mi_m0FCR/is_4_39/ai_n16123684.
- Kuznetsov, Y., ed. 2006. *Diaspora Networks and the International Migration of Skills: How Countries Can Draw on Their Talent Abroad*. Washington, DC: World Bank.
- Levin, M. H., D. W. Jeong, and D. Ou. 2006. "What is a World Class University?" Paper prepared for the Conference of the Comparative and International Education Society, Honolulu, HI, March 16. Retrieved April 12, 2007, from www.tc.columbia.edu/centers/coce/pdf_files/c12.pdf.
- McNeill, D. 2007. "Japan's New Science Adviser Wants to Shake Up Higher Education." *Chronicle of Higher Education* 53 (39, June 1): A37. Retrieved July 15, 2008, from <http://chronicle.com/daily/2007/05/2007052508n.htm>.
- Miller, R. 2007a. "Beyond Study Abroad: Preparing Engineers for the New Global Economy." Unpublished paper, Olin College of Engineering, Needham, MA.
- . 2007b. "Observations on Efforts to Create a New Paradigm for Undergraduate Education in Engineering." Reported in a case study published by the Harvard Macy Institute and the President and Fellows of Harvard College, Cambridge, MA.
- Mohrman, Kathryn. 2003. "Higher Education Reform in Mainland Chinese Universities: An American's Perspective." Hong Kong America Center, Chinese University of Hong Kong, Hong Kong, China.
- Neelakantan, S. 2007. "In India, Economic Success Leaves Universities Desperate for Professors." *Chronicle of Higher Education* 54 (7, October 12): A37–A38. Retrieved December 11, 2008, from <http://chronicle.com/weekly/v54/i07/07a03701.htm>.
- Niland, J. 2000. "The Challenge of Building World Class Universities in the Asian Region." *ON LINE Opinion* (February 3). Retrieved April 10, 2006, from <http://www.onlineopinion.com.au/view.asp?article=997>.
- . 2007. "The Challenge of Building World-Class Universities." In *The World Class University and Ranking: Aiming Beyond Status*, ed. J. Sadlak and N. C. Liu. Bucharest: UNESCO-CEPES.
- Orivel, F. 2004. "*Pourquoi les universités françaises sont-elles si mal classées dans les palmarès internationaux?*" *Dijon: Notes de l'IREDU* (May).
- Qureshi, Yakub. 2007. "400 University Jobs Could Go." *Manchester Evening News*, March 9. Retrieved May 20, 2007, from http://www.manchestereveningnews.co.uk/news/education/s/1001/1001469_400_university_jobs_could_go.html.
- Schwartz, J. 2007. "Reengineering Engineering: The Hands-On Approach: Building a Different Breed of Engineer at Olin College." *New York Times Magazine*, September 30. Retrieved December 3, 2008, from http://www.nytimes.com/2007/09/30/magazine/30OLIN-t.html?_r=1&scp=1&sq=Olin+college&st=nyt.

- Schwartzman, Simon. 2005. "Brazil's Leading University: Between Intelligentsia, World Standards and Social Inclusion." Instituto de Estudos do Trabalho e Sociedade, Rio de Janeiro, Brazil. Retrieved December 2, 2008, from <http://www.schwartzman.org.br/simon/worldclass.pdf>.
- Simmons, Ruth. 2003. "How to Make a World-Class University." *South China Morning Post*, January 18. Hong Kong, China.
- THES (*Times Higher Education Supplement*). 2006. "Dons Urged to Reject Reforms." THES (November 14). Retrieved December 2, 2008, from <http://www.timeshighereducation.co.uk/story.asp?storyCode=206746§ioncode=26>.
- University of Auckland. 2007. "Commentary on Issues of Higher Education and Research." Office of the Vice-Chancellor, University of Auckland, New Zealand (Issue 1, August). Retrieved December 2, 2008, from http://www.auckland.ac.nz/uoa/fms/default/uoa/about/commentary/docs/commentary_issue_1.pdf.
- Usher, A. 2006. "Can Our Schools Become World-Class?" *Globe and Mail*, Toronto, October 30. Retrieved December 2, 2008, from <http://www.theGlobeandMail.com/servlet/story/RTGAM.20061030.URCworldclass28/BNStory/univreport06/home>.
- Yusuf, S., and K. Nabeshima. 2007. *How Universities Promote Economic Growth*. Washington DC: World Bank.

On the Knowledge Economy and the Role of Tertiary Education

- Cookson, C. 2007. "Universities Drive Biotech Advancement." *Financial Times Europe*, May 7, 3.
- Gibbons, M., C. Limoges, H. Nowotny, S. Schwartzman, P. Scott, and M. Trow. 1994. *The New Production of Knowledge: Science and Research in Contemporary Societies*. London: SAGE.
- NAE (National Academy of Engineering). 2005. *Educating the Engineer of 2020: Adapting Engineering Education to the New Century*. Washington, DC: National Academies Press.
- Perry, N., and D. Sherlock. 2008. *Quality Improvement in Adult Vocational Education and Training: Transforming Skills for the Global Economy*. London: Kogan Page.
- Saint, William. 2006. "Innovation Funds for Higher Education: A User's Guide for World Bank Funded Projects." Education Working Paper 1, World Bank, Washington, DC. Retrieved July 15, 2008, from <http://go.worldbank.org/FW6F3AMW30>.
- World Bank. 1994. *Higher Education: Lessons of Experience*. Washington, DC: World Bank.

- . 1999a. *World Development Report 1998/99: Knowledge for Development*. Washington, DC: World Bank. Retrieved December 2, 2008, from <http://www.worldbank.org/wdr/wdr98/contents.htm>.
- . 1999b. *World Development Report 1999/2000: Entering the 21st Century*. Washington, DC: World Bank. Retrieved December 2, 2008, from <http://www.worldbank.org/wdr/2000/fullreport.html>.
- . 2002. *Constructing Knowledge Societies: New Challenges for Tertiary Education*. Washington, DC: World Bank. Retrieved December 2, 2008, from <http://go.worldbank.org/N2QADMBN10>.

On Rankings

- Bougnol, M.-L., and Dulá, J. H. 2006. "Validating DEA as a Ranking Tool: An Application of DEA to Assess Performance in Higher Education." *Annals of Operations Research* 145 (1, July): 339–65.
- Bowden, R. 2000. "Fantasy Higher Education: University and College League Tables." *Quality in Higher Education* 6 (1, April 1): 41–60.
- Brooks, R. L. 2005. "Measuring University Quality." *Review of Higher Education* 29 (1, Fall): 1–21.
- Clarke, M. 2002. "Some Guidelines for Academic Quality Rankings." *Higher Education in Europe* 27 (4): 443–59.
- . 2005. "Quality Assessment Lessons from Australia and New Zealand." *Higher Education in Europe* 30 (2, July): 183–97.
- Diamond, N., and H. D. Graham. 2000. "How Should We Rate Research Universities?" *Change* 32 (4, July/August): 20–33.
- Dill, D., and M. Soo. 2005. "Academic Quality, League Tables, and Public Policy: A Cross-National Analysis of University Ranking Systems." *Higher Education*, 49 (4, June): 495–533.
- Eccles, C. 2002. "The Use of University Rankings in the United Kingdom." *Higher Education in Europe* 27 (4): 423–32.
- Filinov, N. B., and S. Ruchkina. 2002. "The Ranking of Higher Education Institutions in Russia: Some Methodological Problems." *Higher Education in Europe* 27 (4): 407–21.
- Goddard, A. 1999. "League Tables May End in Tiers." *Times Higher Education Supplement* (1371, February 12): 1.
- IHEP (Institute for Higher Education Policy), ed. 2007. *College and University Ranking Systems: Global Perspectives and American Challenges*. Washington, DC: IHEP. Retrieved December 2, 2008, from <http://www.ihep.org/assets/files/publications/a-f/CollegeRankingSystems.pdf>.
- Jobbins, D. 2005. "Moving to a Global Stage: A Media View." *Higher Education in Europe* 30 (2, July): 137–45.

- Liu, N. C., and Y. Cheng. 2005. "The Academic Ranking of World Universities: Methodologies and Problems." *Higher Education in Europe* 30 (2, July): 127–36.
- Liu, N. C., and L. Liu. 2005. "University Rankings in China." *Higher Education in Europe* 30 (2, July): 217–28.
- Marshall, Jane. 2008. "France: Universities Lag 'Digitally Native' Students." *University World News*, August 10. Retrieved December 2, 2008, from <http://www.universityworldnews.com/article.php?story=20080807153500208>.
- Monks, J., and R. G. Ehrenberg. 1999. "U.S. News & World Report's College Rankings: Why They Do Matter." *Change* 31 (6, November-December): 42–51.
- Pace, C. R., and D. G. Wallace. 1954. "Evaluation of Institutional Programs." *Review of Educational Research* 24 (4, October): 341–50.
- Print, M., and J. Hattie. 1997. "Measuring Quality in Universities: An Approach to Weighting Research Productivity." *Higher Education* 33 (4, June): 453–69.
- Provan, D., and K. Abercromby. 2000. "University League Tables and Rankings: A Critical Analysis." Paper No. 30, Commonwealth Higher Education Management Service (CHEMS), London. Retrieved December 3, 2008, from <http://www.acu.ac.uk/chems/onlinepublications/976798333.pdf>.
- QS (Quacquarelli Symonds). 2008. "The Methodology: A Simple Overview." *Top Universities*. Retrieved December 11, 2008, from http://www.topuniversities.com/worlduniversityrankings/methodology/simple_overview/.
- Ramsden, P. 1998. *Learning to Lead in Higher Education*. London and New York: Routledge.
- Rocki, M. 2005. "Statistical and Mathematical Aspects of Ranking: Lessons from Poland." *Higher Education in Europe* 30 (2, July): 173–81.
- Salmi, J., and A. Saroyan. 2007. "League Tables as Policy Instruments: Uses and Misuses." *Higher Education Management and Policy* 19 (2): 24–62.
- Shultziner, D. 2008. "Nightmare in Dreaming Spires." *Guardian*, April 29.
- SJTU (Shanghai Jiao Tong University). 2008. *Academic Ranking of World Universities 2008*. Retrieved September 30, 2008, from <http://www.arwu.org/rank2008/EN2008.htm>.
- SLATE. 2003–05. "Organizational History." Retrieved March 13, 2006, from <http://www.slatearchives.org/orghist.htm>.
- Stuart, D. 1995. "Reputational Rankings: Background and Development." *New Directions for Institutional Research* 1995 (88, Winter): 13–20.
- Stuit, D. 1960. "Evaluations of Institutions and Programs." *Review of Educational Research* 30 (4): 371–84.
- THES. 2008. *The Times Higher Education World University Rankings 2008*. Retrieved September 30, 2008, from <http://www.timeshighereducation.co.uk/hybrid.asp?typeCode=243&pubCode=1>.
- Turner, D. R. 2005. "Benchmarking in Universities: League Tables Revisited." *Oxford Review of Education* 31 (3, September): 353–71.

- U.S. News & World Report*. 2008. "America's Best Graduate Schools." Retrieved June 10, 2008, from <http://grad-schools.usnews.rankingsandreviews.com/grad>.
- . 2009. "Best Colleges 2009: National Universities Ranking." Retrieved January 14, 2009, from <http://colleges.usnews.rankingsandreviews.com/college/national-search>.
- Usher, A., and M. Savino. 2006. "A World of Difference: A Global Survey of University League Tables." Canadian Education Report Series, Education Policy Institute, Toronto, Ontario. Retrieved December 3, 2008, from http://www.eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/3c/85/46.pdf.
- Van Dyke, N. 2005. "Twenty Years of University Report Cards." *Higher Education in Europe* 30 (2, July): 103–25.
- Williams, R., and N. Van Dyke. 2007. "Measuring the International Standing of Universities with an Application to Australian Universities." *Higher Education* 53 (6, June): 819–41.
- Winston, G. C., and D. J. Zimmerman. 2003. "Peer Effects in Higher Education." Working Paper 9501, National Bureau of Economic Research (NBER), Cambridge, MA. Retrieved May 10, 2006, from <http://www.nber.org/papers/w9501>.

Statistical Sources and Country Documents

- CHE (Chronicle of Higher Education)*. 2006. "The 2006–7 Almanac." Retrieved December 11, 2008 from <http://chronicle.com/free/almanac/2006/index.htm>.
- . 2007. "Special Report: Executive Compensation." *Chronicle of Higher Education* 53 (13, November 16): B1–B9.
- Durham, E. 2008. "Fábricas de maus professors." *Veja*. November 28.
- EC (European Commission). 2007. *Remuneration of Researchers in the Public and Private Sectors*. Research Directorate–General. Brussels: EC Publications. Retrieved December 3, 2008, from http://ec.europa.eu/euraxess/pdf/final_report.pdf.
- Economist*. 2006. "Lessons from the Campus." Special Survey Section on France. *Economist* (October 28).
- Egide. 2007. "Special Report by the Egide Association: *Les enjeux de la mobilité*." Retrieved June 7, 2007, from <http://www.egide.asso.fr/fr/services/actualites/lettre/L34/dossier34.jhtml>.
- Gupta, Asha. 2008. "Caste, Class, and Quality at the Indian Institutes of Technology." *International Higher Education* (53, Fall): 20–21. Retrieved December 3, 2008, from http://www.bc.edu/bc_org/avp/soe/cihe/newsletter/ihe_pdf/ihe53.pdf.
- Holdsworth, N. 2008. "Russia: Super League of 'Federal' Universities." *University World News*, October 26. Retrieved December 3, 2008, from <http://www.universityworldnews.com/article.php?story=20081024094454199>.

- Jan, T. 2008. "Colleges Scour China for Top Students." *The Boston Globe*, November 9. Retrieved December 2, 2008, from http://www.boston.com/news/education/higher/articles/2008/11/09/colleges_scour_china_for_top_students/
- Jardine, D. 2008. "Malaysia: Inter-ethnic Tensions Touch Universities." *University World News*, August 31. Retrieved December 3, 2008, from <http://www.universityworldnews.com/article.php?story=2008082814421654>.
- Mangan, K. 2008. "Cornell Graduates the Inaugural Class at Its Medical College in Qatar." *Chronicle of Higher Education* 54 (36, May 16): A28. Retrieved July 15, 2008, from <http://chronicle.com/daily/2008/05/2754n.htm>.
- NACUBO (National Association of College and University Business Officers). 2006. "University Fundraising: An Update." Retrieved April 30, 2008, from <http://www.suttontrust.com/reports/UniversityFundraisingDec06.pdf>.
- Nature*. 2008. "The EIT Farce." *Nature* 452 (254, March 20). Retrieved December 3, 2008, from <http://www.nature.com/nature/journal/v452/n7185/full/452254b.html>.
- Normile, D. 2006. "Singapore-Hopkins Partnership Ends in a Volley of Fault-Finding." *Science* 313 (5787, August 4): 600.
- OECD. 2007. *Education at a Glance 2007*. Paris: OECD. Retrieved December 3, 2008, from http://www.oecd.org/document/30/0,3343,en_2649_39263238_39251550_1_1_1_1,00.html.
- . 2009. *Reviews of National Policies for Education: Tertiary Education in Chile 2008*. Paris and Washington, DC: OECD and World Bank.
- Tierney, W., and M. Sirat. 2008. "Challenges Facing Malaysian Higher Education." *International Higher Education* (53, Fall): 23–24. Retrieved December 3, 2008, from http://www.bc.edu/bc_org/avp/soe/cihe/newsletter/ihe_pdf/ihe53.pdf.
- UNESCO (United Nations Educational, Scientific, and Cultural Organization). 2006. *Global Education Digest 2006: Comparing Education Statistics across the World*. UNESCO Institute for Statistics (UIS). Montreal: UIS. Retrieved December 3, 2008, from <http://www.uis.unesco.org/TEMPLATE/pdf/ged/2006/GED2006.pdf>.
- Universities UK. 2007. "Talent Wars: The International Market for Academic Staff" Policy Briefing (July), Universities UK, London. Retrieved December 3, 2008, from <http://www.universitiesuk.ac.uk/Publications/Bookshop/Documents/Policy%20Brief%20Talent%20Wars.pdf>.
- UWN (*University World News*). 2008a. "CHINA: Growing Competition for Top Students." *University World News*, June 8. Retrieved June 14, 2008, from <http://www.universityworldnews.com/article.php?story=20080605155512411>.
- . 2008b. "UK: Oxford's New Vice-Chancellor." *University World News*, June 8. Retrieved June 14, 2008, from <http://www.universityworldnews.com/article.php?story=20080606083104456>.

Wilson, R. 2008. "Wisconsin's Flagship Campus Is Raided for Scholars." *Chronicle of Higher Education*, 54 (32, April 18): A1, A19, and A25. Retrieved December 3, 2008, from <http://chronicle.texterity.com/chroniclesample/20080418-sample/?pg=19>.