

# Higher Education

Bibliography

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## References

- [1] *Toward the Year 2000: work in progress*, Dædalus **96** (1967), no. 3.
- [2] *The Philosophy of Social Ecology: Essays on Dialectical Naturalism*, Black Rose Books, 1990.
- [3] *Fixed and Fuzzy Boundaries in Higher Education: A Comparative Study of (binary) Structures in Nine Countries*, Adviesraad voor het Wetenschaps- en Technologiebeleid (AWT), Den Haag, January 2001.
- [4] 2002.
- [5] *Internes und externes Hochschulcontrolling*, Hochschul-Informationen-System (HIS), Kurzinformationen, Dezember 2003.
- [6] *Achieving our Vision: 2004 Spending Review Submission for England and Northern Ireland*, Universities UK, January 2004.
- [7] Andrew Abbott, *The System of Professions: An Essay on the Division of Expert Labor*, The University of Chicago Press, 1988.
- [8] ———, *Chaos of Disciplines*, The University of Chicago Press, 2001.
- [9] Russel L. Ackoff, *Ackoff's Best: His Classic Writings on Management*, John Wiley & Sons, 1999.
- [10] Russel L. Ackoff, Shiv K. Gupta, and J. Sayer Minas, *Scientific Methods: optimizing applied research decisions*, John Wiley & Sons, 1962.
- [11] Russel L. Ackoff and Sheldon Rovin, *Redesigning Society*, Stanford Business Books, 2003.
- [12] Jonathan Adams, *Research Assessment in the UK*, Science **296** (2002), no. 5569, 805.
- [13] Jonathan Adams and David Smith, *Funding Research Diversity: The Impact of Further Concentration on University Research Performance and Regional Research Capacity*, Universities UK and Evidence, Ltd, 2003.

- [14] Robert McC. Adams (ed.), *Trends in American & German Higher Education*, American Academy of Arts & Sciences, 2002.
- [15] George A. Akerlof and Rachel E. Kranton, *Identity and Schooling: Some Lessons for the Economics of Education*, *Journal of Economic Literature* **XL** (2002), 1167–1201.
- [16] Algemene Rekenkamer, *Irregularities in the Funding of Higher Education*, [www.rekenkamer.nl](http://www.rekenkamer.nl), February 19 2003.
- [17] Saul D. Alinsky, *Rules for Radicals: A Primer for Realistic Radicals*, Vintage Books, 1971/1989.
- [18] Dede Alpert, Elaine Alquist, and Virginia Strom-Martin, *The California Master Plan for Education (Draft)*, Joint Committee to Develop a Master Plan for Education — Kindergarten through University, [www.ucop.edu/acadinit/mastplan/0207302NDDRAFTMASTERPLAN.PDF](http://www.ucop.edu/acadinit/mastplan/0207302NDDRAFTMASTERPLAN.PDF), July, 2002.
- [19] Jeffrey W. Alstete, *Benchmarking in Higher Education: Adapting Best Practices to Improve Quality*, vol. 5, ASHE-ERIC Higher Education Report, 1995.
- [20] Philip G. Altbach, *Patterns in Higher Education Development*, ch. 1, pp. 15–37, in Altbach et al. [23], 1999.
- [21] ———, *The Logic of Mass Higher Education*, *Tertiary Education and Management* **5** (1999), no. 2, 107–124.
- [22] ———, *Why Higher Education is Not a Global Commodity*, *The Chronicle of Higher Education* (2001), B20.
- [23] Philip G. Altbach, Robert O. Berdahl, and Patricia J. Gumport (eds.), *American Higher Education in the Twenty-first Century: Social, Political, and Economic Challenges*, Johns Hopkins University Press, 1999.
- [24] Philip G. Altbach, Patricia J. Gumport, and D. Brude Johnstone (eds.), *In Defense of American Higher Education*, Johns Hopkins University Press, 2001.
- [25] American Board of Internal Medicine (ABIM), *Medical Professionalism in the New Millennium: A Physician Charter*, *Annals of Internal Medicine* **136** (2002), no. 3, 243–246.
- [26] American Institute of Physics, *AIP Study of Multi-Institutional Collaborations. Phase I: High-Energy Physics*, AIP, 1992.
- [27] American Productivity & Quality Center, *Benchmarking, Leveraging Best-Practice Strategies: an APQC White Paper for Senior Management based on the study Organizing and Managing Benchmarking*, (1995), [www.apqc.org/free/whitepapers/dispWhitePaper.cfm?Product--ID=663](http://www.apqc.org/free/whitepapers/dispWhitePaper.cfm?Product--ID=663).
- [28] Americana Association of University Professors, *Faculty Salaries at More Than 1,400 Institutions*, *The Chronicle of Higher Education* (2001), A20–A24.

- [29] Gail Anderson (ed.), *Reinventing the Museum. Historical and Contemporary Perspectives on the Paradigm Shift*, AltaMira Press, 2004.
- [30] Andrey Allakhverdov and Vladimir Pokrovsky, *Russian Universities want their Share of the Research Pie*, *Science* **304** (2004), no. 5673, 953.
- [31] Marcia Angell, *The Truth About the Drug Companies*, Random House, 2004.
- [32] Arbeitskreis Kapital und Wirtschaft, *Neue Wege zur Hochschulfinanzierung*, Herausgegeben vom AKW, in Zusammenarbeit mit Avenir Suisse und economiesuisse, Januar 2004.
- [33] Julius S. Aronowsky (ed.), *Progress in Operations Research: Relationship between Operations Research and the Computer*, vol. III, John Wiley & Sons, 1969.
- [34] Kenneth J. Arrow, *Social Choice and Individual Values*, Cowles Foundation for Research in Economics, vol. 12, John Wiley & Sons, 1963 (1951).
- [35] Kenneth J. Arrow, Richard W. Cottle, B. Curtis Eaves, and Ingram Olkin (eds.), *Education in a Research University*, Stanford University Press, 1996.
- [36] Brian W. Arthur, Steven N. Durlauf, and David A. Lane (eds.), *The Economy as an Evolving Complex System II*, vol. XXVII, Santa Fee Institute, Addison Wesley, 1997.
- [37] Eric Ashby, *Ivory Towers in Tomorrow's World*, *Journal of Higher Education* **38** (1967), no. 1, 417–427.
- [38] Alexander Astin, Helen Astin, and Paul Bloland, *The Student Learning Imperative: Implications for Student Affairs*, American College Personnel Association, 1994.
- [39] Alexander W. Astin, *An Empirical Characterization of Higher Education Institutions*, *Journal of Educational Psychology* **53** (1962), no. 5, 224–235.
- [40] ———, *Achieving Educational Excellence: A Critical Assessment of Priorities and Practices in Higher Education*, Jossey-Bass Publishers, 1985.
- [41] ———, *What Matters in College? Four Critical Years Revisited*, Jossey-Bass Publishers, 1993.
- [42] A.B. Atkinson, *On the Measurement of Poverty*, *Econometrica* **55** (1987), no. 3, 749–764.
- [43] A.J. Ayer, *Logical Positivism*, Free Press, 1959.
- [44] B. Balachandran and I. Balachandran, *Performance Measurement and Change: Performance Indicators in UK Universities*, Proceedings (PMA, ed.), Performance Measurement Association, Dunedin, New Zealand, 2009.

- [45] Michael Balter, *CNRS Researchers Take up the Fight Against Allègre's Reforms*, *Science* **282** (1998), no. 5307, 2162–2163.
- [46] ———, *Claude Allègre: Back to the Wall, But Still Fighting*, *Science* **283** (1999), no. 5407, 1442–1443.
- [47] ———, *French Universities: Reform Plan Seen as Halting Step*, *Science* **292** (2001), no. 5518, 829.
- [48] David P. Barash, *Caught Between Choices: Personal Gain vs. Public Good*, *The Chronicle of Higher Education* (2004), B12–B14.
- [49] Andris Barblan, *The Sorbonne Declaration: Follow-Up and Implications*, XII Santander Group General Assembly, April 17, 1999.
- [50] Robert J. Barro, *Human Capital and Growth*, *AEA Papers and Proceedings* **91** (2001), no. 2, 12–17.
- [51] A. Bartlett and S. Ghoshal, *Matrix management: not a structure, a frame of mind*, *Harvard Business Review* (1990), 138–145.
- [52] Thomas Bartlett, *What's Wrong With Harvard*, *The Chronicle of Higher Education* **L** (2004), no. 35, A14–A16.
- [53] Michael Barzelay, *The New Public Management: Improving Research and Policy Dialogue*, *The Aaron Wildavsky Forum for Public Policy*, vol. 3, University of California Press, 2001.
- [54] G. Basalla, *The Evolution of Technology*, Cambridge University Press, 1988.
- [55] Marianne Bauer, *Quality as Expressed in a Swedish Reform of Higher Education and as Viewed by University Teachers and Leadership*, *Tertiary Education and Management* **2** (1996), no. 1, 76–85.
- [56] Marianne Bauer, Berit Askling, Susan Gerard Marton, and Ference Marton, *Transforming Universities: Changing Patterns of Governance, Structure and Learning in Swedish Higher Education*, Higher Education Policy Series, vol. 48, Jessica Kingsley Publishers, 1999.
- [57] Claire Salomon Bayet, *Pasteur et la révolution pasteurienne*, Payot, 1986.
- [58] A. Beaton, I. Lings, and S.P. Gudergan, *Service staff attitude, organizational practices and performance drivers*, *Journal of Management & Organization* **14** (2008), no. 2, 168–179.
- [59] Thomas Behrens, *Globalisierung der Hochschulhaushalte: Grundlagen, Ziele, Erscheinungsformen und Rahmenbedingungen*, Luchterhand, 1996.
- [60] Richard Bellman, Kenneth L. Cooke, and Jo Ann Lockett, *Algorithms, Graphs and Computers*, Academic Press, 1970.

- [61] Michael Ben-Chaim, *The Empiric Experience and the Practice of Autonomy*, *Studies in History and Philosophy of Science* **23** (1992), 533–555.
- [62] ———, *Empowering Lay Belief: Robert Boyle and the Moral Economy of Experiment*, *Science in Context* **15** (2002), no. 1, 51–77.
- [63] ———, *Experimental Philosophy and the Birth of Empirical Science: Boyle, Locke, Newton*, Ashgate Publishing, 2004.
- [64] Joseph Ben-David, *Roles and Innovations in Medicine*, *American Journal of Sociology* **65** (1960), no. 6, 557–568.
- [65] ———, *Scientific Endeavor in Israel and the United States*, *The American Behavioral Scientist* **6** (1962), no. 4, 12–16.
- [66] Joseph Ben-David, *The Scientist's Role in Society: A Comparative Analysis*, Prentice-Hall, 1971.
- [67] ———, *Science and the University System*, *International Review of Education* **18** (1972), 44–60.
- [68] ———, *American Higher Education: Directions Old and New*, McGraw-Hill Book Company (Transaction Publishers), 1972 (1992).
- [69] ———, *Centers of Learning: Britain, France, Germany, United States*, McGraw-Hill, 1977.
- [70] ———, *Introduction*, *The Scientist's Role in Society*, University of Chicago Press, 1984.
- [71] ———, *The Scientist's Role in Society*, University of Chicago Press, 1984.
- [72] ———, *Academic market, ideology and the growth of scientific knowledge: Physiology in mid-nineteenth century Germany*, *Approaches to Social Theory* (Siege-wart Lindberg, James S. Coleman, and Stephan Novak, eds.), Russel Sage Foundation, 1986, pp. 63–76.
- [73] ———, *Scientific Growth: Essays on the Social Organization and Ethos of Science*, University of California Press, 1991.
- [74] ———, *Scientific Growth: Essays on the Social Organization and Ethos of Science*, University of California Press, 1991.
- [75] ———, *Socialization and Career Patters as Determinants of Productivity of Medical Researchers*, *Scientific Growth: Essays on the Social Organization and Ethos of Science*, University of California Press, 1991, pp. 71–89.
- [76] Joseph Ben-David and Randall Collins, *Social Factors in the Origin of a New Science: The Case of Psychology*, *Sociological Review* **31** (1966), no. 4, 451–465.

- [77] Joseph Ben-David and Awzaham Zloczower, *Universities and Academic Systems in Modern Societies*, [74], pp. 125–157.
- [78] D. Benamouzig, *La santé au miroir de l'économie: une histoire de l'économie de la santé en France*, Presses universitaires de France, Paris, 2005.
- [79] Richard J. Bennof, *R&D Spending is Highly Concentrated in a Small Number of States*, Data Brief, National Science Foundation (NSF 01-320), March 23, 2001.
- [80] Sonja Berghoff, Gero Federkeil, Petra Giebisch, Cort-Denis Hochmeister, Mareike Hennings, and Detlef Müller-Böling, *Das CHE Forschungsranking deutscher Universitäten 2005*, Arbeitspapier Nr. 70, 2005.
- [81] ———, *Das CHE Forschungsranking deutscher Universitäten 2006*, Centrum für Hochschulentwicklung, 2006.
- [82] Jean-François Bergier and Hans Werner Tobler (eds.), *Eidgenössische Technische Hochschule Zürich: 1955-1980, Festschrift zum 125jährigen Bestehen*, Verlag Neue Zürcher Zeitung, 1980.
- [83] Ewald Berning and Hans-Ulrich Küpper, *Juniorprofessuren statt Habilitation? Eine Klärung festgetretener Positionen*, Beiträge zur Hochschulforschung (2001), no. 2, 121–142.
- [84] Janet Biehl, *A Short Biography of Murray Bookchin*, Anarchy Archives (1999).
- [85] Mark Bils and Peter J. Klenow, *Does Schooling Cause Growth?*, The American Economic Review **90** (2000), no. 5, 1160–1183.
- [86] Ivar Bleiklie, Roar Høstaker, and Agnete Vabø, *Policy and Practice in Higher Education: Reforming Norwegian Universities*, Higher Education Policy Series, vol. 49, Jessica Kingsley Publishers, 2000.
- [87] Philipp Blom, *Schafft die Museen ab! Wir verehren das Alte, nur weil es alt ist. Warum tun wir das? Weil wir ein perverses Verhältnis zur Vergangenheit haben*, DIE ZEIT (2008), no. 2, 39.
- [88] Goldie Blumenstyk, *Income From University Licenses on Patens Exceeds \$1-Billion*, The Chronicle of Higher Education (March 22, 2002), A31.
- [89] Christian Bodmer, Andrea Leu, Lukas Mira, and Heinz Rütter, *Successful Practices in International Engineering Education (SPINE): Final Report*, Engineers Shape our Future (Zurich) and Rat der Eidgenössischen Technischen Hochschulen (Zurich), May 2002.
- [90] Lactitia Boem, *Akademische Grade, Examen, Titel, Promotionen: Akademisches und staatliches Qualitätswesen vom 13. bis zum 21. Jahrhundert* (Rainer Christoph Schwinges, ed.), Veröffentlichungen der Gesellschaft für Universitäts- und Wissenschaftsgeschichte, vol. 7, Schwabe & Co, 2007, pp. 11–54.

- [91] Derek Bok, *Universities in the Marketplace: The Commercialization of Higher Education*, Princeton University Press, 2003.
- [92] Burton Bollag, *European Governments are Urged to Speed Alignment of Higher Education Systems*, *The Chronicle of Higher Education* (2001).
- [93] Luc Boltanski and Eve Chiapello, *The New Spirit of Capitalism*, Verso, 2004.
- [94] Andrea Bonaccorsi, *Better Politics vs. Better Institutions in European Science*, Paper presented to the PRIME General Conference, Manchester, January 7–9, 2005.
- [95] Dorothe Bonjour, Lyn Cherkas, Jonathan Haskel, Denis Hawkes, and Tim Spector, *Returns to Education: Evidence from UK Twins*, Centre for the Economics of Education, London School of Economics and Political Science, April 2002.
- [96] Thomas Neville Bonner, *Iconoclast: Abraham Flexner and a Life in Learning*, Johns Hopkins University Press, 2002.
- [97] Murray Bookchin, *Ecology and Revolutionary Thought*, 1964.
- [98] Detlef Borchers, *Jubiläum einer jungen Disziplin: 30 Jahre Informatik an deutschen Hochschulen*, *Neue Zürcher Zeitung* (April 26, 2002), no. 96, 81.
- [99] Victor M.H. Borden and Trudy W. Banta (eds.), *Using Performance Indicator to Guide Strategic Decision Making*, *New Directions for Institutional Research*, vol. 82, Jossey-Bass Publishers, Summer 1994.
- [100] Jonathan Boston, Paul Dalziel, and Susan St John (eds.), *Redesigning the Welfare State in New Zealand: Problems, Policies, Prospects*, Oxford University Press, 1999.
- [101] Kenneth E. Boulding, *The Image: Knowledge in Life and Society*, The University of Michigan Press, 1961.
- [102] ———, *Beyond Economics: Essays on Society, Religion and Ethics*, The University of Michigan Press, 1968.
- [103] Pierre Bourdieu, *Die Museumskonservatoren*, *Berufssoziologie* (Thomas Luckmann and Walter M. Sprondel, eds.), Kiepenheuer & Witsch Verlag, 1972, pp. 148–154.
- [104] Pierre Bourdieu, *Homo Academicus*, Stanford University Press (Les Editions de Minuit), 1988 (1984).
- [105] Pierre Bourdieu, Jean-Claude Passeron, and Monique de Saint Martin, *Academic Discourse*, Stanford University Press (Mouton et Cie), 1994 (1965).
- [106] Howard R. Bowen and Cameron Fincher, *Investment in Learning: The Individual and Social Value of American Higher Education*, Transaction Publishers, 1996.

- [107] William G. Bowen, Martin A. Kurzweil, and Eugene M. Tobin, *Equity And Excellence in American Higher Education*, University of Virginia Press, 2006.
- [108] Samuel Bowles, Herbert Gintis, and Melissa Osborne, *The Determinants of Earnings: A Behavioral Approach*, *Journal of Economic Literature* **XXXIX** (2001), 1137–1176.
- [109] Marjorie A. Bowman, Arthur H. Rubenstein, and Arthur S. Levine, *Clinical Revenue Investment in Biomedical Research: Lessons From Two Academic Medical Centers*, *The Journal of the American Medical Association* **297** (2007), 2521–2524.
- [110] Ernest L. Boyer (ed.), *Campus Life: In Search of Community. A Special Report*, Carnegie Foundation for the Advancement of Teaching, 1990.
- [111] Ernest L. Boyer, *Scholarship Reconsidered: Priorities of the Professoriate*, The Carnegie Foundation for the Advancement of Teaching, 1990.
- [112] M. Boyer and R. Kihlstorm (eds.), *Bayesian Models of Econometrics*, North Holland, 1983.
- [113] Dietmar Braun and Francois-Xavier Merrien, *Governance of Universities and Modernization of the State: Analytical Perspectives*, ch. 1, pp. 9–33, vol. 53 of Higher Education Policy Series [114], 1999.
- [114] Dietmar Braun and Francois-Xavier Merrien (eds.), *Towards a New Model of Governance for Universities? A Comparative View*, Higher Education Policy Series, vol. 53, Jessica Kingsley Publishers, 1999.
- [115] David W. Breneman, *An Essay on College Costs*, pp. 13–20, vol. 2 of Cunningham et al. [218], December 2001.
- [116] Michael Breu, *Kurt Wüthrich über das EU-Forschungsförderungssystem*, *ETH-life* (2004), no. 13. Januar.
- [117] Theodor M. Breu and Raymond M. Raab, *Efficiency and Perceived Quality of the Nation's 'Top 25' National Universities and National Liberal Arts Colleges: An Application of Data Envelopment Analysis to Higher Education*, *Socio-Economic Planning Sciences* **28** (1994), no. 1, 33–45.
- [118] Andrew Brownstein, *Tuition Rises Faster than Inflation, and Faster than in Previous Year*, *The Chronicle of Higher Education* (October 27, 2000).
- [119] Jeffrey L. Brudney, Laurence J. O'Tool Jr., and Hal G. Rainey (eds.), *Advancing Public Management: New Developments in Theory, Methods, and Practice*, Georgetown University Press, 2000.
- [120] Martine Brunschwig Graf, *Das höhere Bildungswesen vor Veränderungen*, *Neue Zürcher Zeitung* (12. März 2001), no. 59, 11.



- [121] D. J. Bryde, *Project management concepts, methods and application*, International Journal of Operations & Production Management **23** (2003), no. 7, 775–793.
- [122] Bundesminister für Bildung und Forschung, *Grund- und Strukturdaten 2000/2001*, Bundesministerium für Bildung und Forschung (BMBF), Bonn, 2001.
- [123] ———, *Basic and Structural Data 2001/2002*, Federal Ministry of Education and Research (BMBF), Bonn, 2002.
- [124] Bundesminister für Bildung und Wissenschaft, *Grund- und Strukturdaten 1991/92*, Karl Heinrich Bock, 1991.
- [125] Bundesministerium für Bildung und Forschung, *Grund- und Strukturdaten 2000/2001*, [www.bmbf.de/digipubl.htm](http://www.bmbf.de/digipubl.htm), 2001.
- [126] ———, *Mut zur Veränderung, Deutschland braucht moderne Hochschulen: Vorschläge für eine Reform*, Referat Öffentlichkeitsarbeit, [www.bmbf.de/digipubl.htm](http://www.bmbf.de/digipubl.htm), April 1999.
- [127] Bundesministerium für Bildung und Wissenschaft, *Grund- und Strukturdaten 1991/92*, Verlag Karl Heinrich Bock, 1991.
- [128] Gustavo Buntinx, Corinne Kratz Ciraj Rassool, and Lynn Szwaja (eds.), *Museum Frictions: Public Cultures/Global Transformations*, Duke University Press, 2007.
- [129] Stephen Burd, *Education Department Wants to Create Grant Program Linked to Graduation Rates*, The Chronicle of Higher Education **49** (2003), no. 17, A31.
- [130] Joseph C. Burke and Henrik Minassians, *Performance Reporting: The Preferred 'No Cost' Accountability Program*, The Nelson A. Rockefeller Institute of Government, State University of New York, 2002.
- [131] Burke, Joseph C. and Associates (ed.), *Funding Public Colleges and Universities for Performance: Popularity, Problems, and Prospects*, The Rockefeller Institute Press, 2002.
- [132] Burke, Joseph C. and Associates (ed.), *Achieving Accountability in Higher Education: Balancing Public, Academic, and Market Demands*, Jossey-Bass, 2004.
- [133] Burke, Joseph C. and Terry A. Lessard, *Performance Funding: Campus Reactions*, ch. 4, pp. 61–82, in Burke, Joseph C. and Associates [131], 2002.
- [134] Nancy W. Burton and Leonard Ramist, *Predicting Success in College: SAT Studies of Classes Graduating Since 1980*, College Board Research Report No. 2001-2, College Entrance Examination Board, 2001.

- [135] Vannevar Bush, *Science the Endless Frontier, A Report to the President*, US Government Printing Office, 1945.
- [136] Declan Butler, *Battle Lines are Drawn as French Researchers Resign en Masse*, *Nature* **428** (2004), no. 18 March, 241.
- [137] Linda Butler, *Modifying Publication Practices in Response to Funding Formulas*, *Research Evaluation* **12** (2003), no. 1, 39–46.
- [138] Cabinet Office, *Next Steps Report 1998*, Minister of Cabinet Office, March 1999.
- [139] Liu Nian Cai, *The Story of the Academic Rankiung of World Universities*, *International Higher Education* (2009), no. 54, 2–3.
- [140] A. Cambrosio, P. Keating, T. Schlich, and G. Weisz, *Regulatory Objectivity and the Generation and Management of Evidence in Medicine*, *Social Science and Medicine* **63** (2006), 189–199.
- [141] Paraskevas Caracostas and Ugur Muldur, *Society, The Endless Frontier: A European Vision of Research and Innovation Policies for the 21st Century*, European Commission – Science, Research and Development, 1998.
- [142] Nicolas Carayol and A. Lahatte, *The Academic Value of Knowledge: The Ranking of Various Actors and Research Institutions*, mimeo, 2009.
- [143] Nicolas Carayol and Mireille Matt, *Individual and Collective Determinants of Academic Scientists' Productivity*, Université Louis Pasteur, Strasbourg (France), December 2003.
- [144] ———, *Does Research Organization Influence Academic Production? Laboratory Level Evidence from a Large European University*, *Research Policy* **33** (2004), 1081–1102.
- [145] ———, *The Exploitation of Complementarities in Scientific Production Process at the Laboratory Level*, *Technovation* **24** (2004), 455–465.
- [146] Anthony P. Carnevale, Neal C. Johnson, and Anne Ruffner Edwards, *Performance-Based Appropriations: Fad or Wave of the Future?*, *The Chronicle of Higher Education* (1998), B6.
- [147] Sarah Carr, *MIT Will Place Course Materials Online*, *The Chronicle of Higher Education* (2001), A54.
- [148] Barbara Casassus, *Cracks in the Monolith: CNRS Begins a Long-Awaited Reform*, *Science* **308** (2005), 1243.
- [149] Gerhard Casper, *Letter to James Fallows, editor, us news & world report*, [www.stanford.edu/dept/pres-provost/speeches/961206gcfallow.html](http://www.stanford.edu/dept/pres-provost/speeches/961206gcfallow.html), September 23 1996.

- [150] ———, *Transition and Endurances, State of the University Address, Stanford University*, [www.stanford.edu/dept/news/report/news/march8/stateutext-38.html](http://www.stanford.edu/dept/news/report/news/march8/stateutext-38.html), March 2 2000.
- [151] P. Castel, *Normaliser les pratiques, organiser les médecins: la qualité comme stratégie de changement, le cas les Centre de Lutte Contre le Cancer*, Thèse de doctorat de sociologie, Institut d'Etudes Politiques de Paris, 2002.
- [152] Martin Cave, Stephen Hanney, and Maurice Kogan, *The Use of Performance Indicators in Higher Education: A Critical Analysis of Developing Practice*, Higher Education Policy Series, vol. 3, Jessica Kingsley, 1991.
- [153] Todd Cellini, Kathleen Gardner, and Kathleen G. Kerr, *Toward a Sustainable Future: the Role of Students Affairs in creating Healthy Environments, Social Justice, and Strong Economies*, ACPA, Washington, 2008.
- [154] CEST, *La place scientifique suisse entre compétition et coopération 1994–1999 (Rapport intermédiaire)*, Centre d'Etudes de la Science et de la Technologie (CEST), Décembre 2001.
- [155] ———, *La Suisse et la 'Champions League' internationale des institutions de recherche 1994–99: Contribution au benchmarking international des institutions de recherche (CEST 2002/6)*, Centre d'Etudes de la Science et de la Technologie (CEST), 2002.
- [156] ———, *Les institutions du domaine des Ecoles polytechniques fédérales; Profils de recherche et comparaisons internationales: Indicateurs bibliométriques pour les années 1994–1999 (Rapport confidentiel)*, Centre d'Etudes de la Science et de la Technologie (CEST), Février 2002.
- [157] ———, *Universities and Colleges Participating in the 'Champions League': Rankings by four Performance Indicators (1998–2002)*, Centre d'Etudes de la Science et de la Technologie (CEST), 2004.
- [158] Ellen Earle Chaffee, *The Concept of Strategy: From Business to Higher Education*, pp. 133–172, vol. I of Smart [733], 1985.
- [159] Richard Chait, *Why Shouldn't Harvard's President Ask Tough Questions?*, The Chronicle of Higher Education (February 1, 2002), B20.
- [160] Abraham Charnes and William W. Cooper, *Data Envelopment Analysis: Theory, Methodology and Applications*, Kluwer, 1995.
- [161] Thierry Chevailier, *Higher Education and Markets in France*, pp. 311–326, in Teixeira et al. [771], 2004.
- [162] Arnaud Chevalier, *Graduate Over-Education in the UK*, Centre for the Economics of Education, London School of Economics and Political Science, December 2000.

- [163] Markus Christen and Marcel Herbst, *Führungsprobleme an Hochschulen*, NZZ campus 1 (2007), 26–27.
- [164] P. Churchland and Clifford A. Hooker (eds.), *Images of Science: Essays on Realism and Empiricism, with a Reply from Bas C. van Fraassen*, Cambridge University Press, 1980.
- [165] C. West Churchman, *Prediction and Optimal Decision: Philosophical Issues of a Science of Values*, Prentice-Hall, 1961.
- [166] ———, *The Design of Inquiring Systems: Basic Concepts of Systems and Organizations*, Basic Books, 1971.
- [167] Utz Claassen, *Wir Geisterfahrer*, Murmann Verlag, 2009.
- [168] Burton R. Clark, *The Higher Education System: Academic Organizations in Cross-National Perspective*, University of California Press, 1983.
- [169] ———, *The Academic Profession: National, Disciplinary, and Institutional Settings*, University of California Press, 1987.
- [170] Burton R. Clark (ed.), *The Research Foundation of Graduate Education: Germany, Britain, France, United States, Japan*, University of California Press, 1993.
- [171] ———, *Places of Inquiry: Research and Advanced Education in Modern Universities*, University of California Press, 1995.
- [172] ———, *Diversification, Competitive Autonomy, and Institutional Initiative in Higher Education Systems*, ch. 4, pp. 37–41, in Herbst et al. [384], 1997.
- [173] ———, *Creating Entrepreneurial Universities: Organizational Pathways of Transformation*, Pergamon, 1998.
- [174] ———, *Delineating the Character of the Entrepreneurial University*, Higher Education Policy 17 (2004), 355–370.
- [175] ———, *Sustaining Change in Universities: Continuities in Case Studies and Concepts*, Society for Research into Higher Education (SRHE) & Open University Press, 2004.
- [176] Charles Clarke, *The Future of Higher Education*, UK Secretary of State for Education and Skills, January 2003.
- [177] Daniel Clery, *Despite a Chilly Reception, the ‘European MIT’ Advances*, Science 311 (2006), no. 5765, 1227.
- [178] Charles T. Clotfelter (ed.), *Who Benefits from the Nonprofit Sector?*, The University of Chicago Press, 1992.

- [179] Charles T. Clotfelter, Ronald G. Ehrenberg, Malcolm Getz, and John J. Siegfried (eds.), *Economic Challenges of Higher Education*, The University of Chicago Press, 1991.
- [180] Charles T. Clotfelter and Michael Rothschild (eds.), *Studies of Supply and Demand in Higher Education*, National Bureau of Economic Research, The University of Chicago Press, 1993.
- [181] M. Coccia and S. Rolfo, *Size of research labs and performance: an analysis of the italian national research council*, 3rd International Conference on Management of Innovation and Technology, Zhejiang University, Hangzhou (China), 2002.
- [182] ———, *How Research Policy Changes can affect Organization and Productivity of Public Research Institutes? Analysis within the Italian National System of Innovation*, *Journal of Comparative and Policy Analysis* **9** (2007), no. 3, 215–233.
- [183] ———, *Strategic Change of Public Research Units in their Scientific Activity*, *Technovation* **28** (2008), no. 8, 485–494.
- [184] Mario Coccia, *Bureaucratization in Public Research Institutions*, *Minerva* **74**, no. 1, 31–50.
- [185] ———, *A Scientometric Model for the Assessment of Scientific Research Performance within Public Institutes*, *Scientometrics* **65** (2005), no. 3, 307–321.
- [186] Mario Coccia, *Countrysmetrics: valutazione delle performance economiche e tecnologiche dei paesi e posizionamento dell'italia*, *Rivista internazionale di scienze sociali* **CXIII** (2005), no. 3, 377–412.
- [187] Mario Coccia, *Research Performance and Bureaucratization within Public Research Labs*, *Scientometrics* **79** (2009), no. 1, 97–107.
- [188] Mario Coccia, *Scientific Performance Evaluation of Public Research Institutes and Research Management Implications*, 15th International Conference on Management of Technology (IAMOT), Tsinghua University Beijing, May 22–26, 2006.
- [189] Mario Coccia and Secondo Rolfo, *Size and Research Performance of Public Research Laboratories: Management and Organizational Behaviour*, 15th International Conference on Management of Technology (IAMOT), Tsinghua University Beijing, May 22–26, 2006.
- [190] Cary Coglianese, Jennifer Nash, and Todd Olmstead, *Performance-Based Regulation: Prospects and Limitations in Health, Safety and Environmental Protection*, John F. Kennedy School of Government, Harvard University, RWP02-050, December 2002.

- [191] Joel E. Cohen, *Publication Rate as a Function of Laboratory Size in a Biomedical Research Institution*, *Scientometrics* **2** (1980), no. 1, 35–52.
- [192] ———, *Publication Rate as a Function of Laboratory Size in Three Biomedical Research Institutions*, *Scientometrics* **3** (1981), no. 6, 467–487.
- [193] ———, *Size, Age and Productivity of Scientific and Technical Research Groups*, *Scientometrics* **20** (1991), no. 3, 395–416.
- [194] Jonathan R. Cole, *Balancing Acts: Dilemmas of Choice Facing Research Universities*, *Deadalus* **122** (1993), no. 4, 1–36.
- [195] Stephen Cole, *Making Science: Between Nature and Society*, Harvard University Press, 1992.
- [196] James S. Coleman, *The Adolescent Society: The Social Life of the Teenager and its Impact on Education*, The Free Press, 1961.
- [197] H.M. Collins, *The meaning of data: Open and closed evidential cultures in the search for gravitational waves*, *American Journal of Sociology* **104** (1998), no. 2, 293–338.
- [198] Commission on Higher Education, *Mission Resource Requirements, Fiscal Year 2001–2002*, Division of Finance, Facilities and Management Information Systems, 2001.
- [199] ———, *Performance Funding Workbook: A Guide to South Carolina’s Performance Funding System for Public Higher Education*, Division of Planning, Assessment and Performance Funding, November 2002.
- [200] ———, *South Carolina: Higher Education Statistical Abstract*, Division of Finance, Facilities and Management Information Systems, September 2002.
- [201] Commission on National Investment in Higher Education, *Breaking the Social Contract: The Fiscal Crisis in Higher Education*, Council for Aid to Education, Rand Corporation, 1997.
- [202] Committee on Prague, *Introduction to the Bologna Process*, Board Meeting 38, Vilnius (Lithuania), April 2000.
- [203] Committee on Science, Engineering, and Public Policy, *Experiments in International Benchmarking of US Research Fields*, National Academic Press, 2000.
- [204] ———, *Implementing the Government Performance and Results Act for Research*, National Academy Press, 2001.
- [205] ———, *Implementing the Government Performance and Results Act for Research: A Status Report*, National Academy Press, 2001.
- [206] Commonwealth of Massachusetts, *Conservatory of Art and Science*, <http://libraries.mit.edu/archives/mithistory/>, March 30, 1859.

- [207] Xavier Comtesse, *Nr. 1 in den USA*, Vision: Das Schweizer Magazin für Wissenschaft und Forschung (1996), no. 2, 39.
- [208] Congress of the United States, Joint Economic Committee, *The Analysis and Evaluation of Public Expenditures: The PPB System*, vol. 1, 2, 3, United States Government Printing Office, 1969.
- [209] John Connelly and Michael Grüttner (eds.), *Zwischen Autonomie und Anpassung: Universitäten in den Diktaturen des 20. Jahrhunderts*, Ferdinand Schöningh, 2003.
- [210] Philip Cooke, *Knowledge Economies: Clusters, Learning and Cooperative Advantage*, Routledge Studies in International Business and the World Economy, Routledge, 2002.
- [211] Council of Economic Advisors, *Economic Report of the President, Transmitted to the Congress*, United States Government Printing Office, February 1971.
- [212] Council of Europe, *Convention on the Recognition of Qualifications concerning Higher Education in the European Region*, ETS, No. 165, Lisbon, March 11, 1997, <http://conventions.coe.int/Treaty/en/Treaties/Html/165.htm>.
- [213] R.A. Cox and K.H. Chung, *Patterns of Research Output and Author Concentration in the Economic Literature*, Review of Economics and Statistics 73 (1991), no. 4, 740–747.
- [214] Credit Suisse, *Bildungspolitik als Schlüsselfaktor der Wissensgesellschaft*, Economic Briefing Nr. 24, 25. Juni 2001.
- [215] Philip B. Crosby, *Quality is Still Free: Making Quality Certain in Uncertain Times*, McGraw-Hill, 1996.
- [216] M. Crow and B. Bozeman, *Limited by design. R&D laboratories in the u.s. national innovation system*, Columbia University Press, 1998.
- [217] R.L. Cruess, S.R. Cruess, and Y. Steinert (eds.), *Teaching Medical Professionalism*, Cambridge University Press, 2008.
- [218] Alisa F. Cunningham, Jane V. Wellman, Melissa E. Clinedinst, Jamie P. Merisotis, and C. Dennis Carroll (eds.), *Study of College Costs and Prices, 1988–89 to 1997–98*, vol. 2, Postsecondary Education Descriptive Analysis Reports, no. NCES 2002-158, National Center for Education Statistics, U.S. Department of Education, Office of Educational Research and Improvement, December 2001.
- [219] François Da Pozzo, Isabelle Maye, Anne Roulin Perriard, and Markus von Ins, *Die Schweiz und die weltweite Champions League der Forschungsinstitutionen 1994–1999. Ein Beitrag zu einem internationalen Benchmarking: Konzept und erste Resultate*, Centre d'études de la science et de la technologie (CEST 2001/11), 2001.

- [220] François Da Pozzo, Isabelle Maye, Anne Roulin-Perriard, and Markus von Ins, *List of the Worldwide 'Champions League' of Research Institutions 1994-1999*, Centre d'études de la science et de la technologie (CEST), December 2001.
- [221] François Da Pozzo, Isabelle Maye, Anne Roulin Perriard, and Markus von Ins, *Les institutions du domaine des Ecoles polytechniques fédérales: Profils de Recherche et comparaisons internationales, Indicateurs bibliométriques pour les années 1994-1999*, Centre d'études de la science et de la technologie (CEST 2002/1), 2002.
- [222] ———, *Place scientifique suisse 2001: Développements de la recherche en comparaison internationale sur la base d'indicateur bibliométriques 1981-2001*, Centre d'études de la science et de la technologie (CEST 2003/2), 2003.
- [223] ———, *ETH Zürich in the 'Champions League': 1998-2002 versus 1981-1985*, CEST Scientometric Focus, Centre d'études de la science et de la technologie, [www.cest.ch/Publikationen/2004/Scientometrics\\_Focus\\_Dec\\_04.pdf](http://www.cest.ch/Publikationen/2004/Scientometrics_Focus_Dec_04.pdf), 2004.
- [224] François Da Pozzo and Anne Roulin Perriard, *Performance des Forschungsplatzes Schweiz: Trend-Indikatoren 1981-2001*, *Die Volkswirtschaft* (2003), no. 12, 60-63.
- [225] George B. Dantzig, *Linear Programming and Extensions*, Princeton University Press, 1963.
- [226] Partha Dasgupta and Paul A. David, *Toward a New Economics of Science*, *Research Policy* **23** (1994), 487-521.
- [227] Lorraine Daston, *The Moral Economy of Science*, *Osiris* **10** (1995), no. 2, 2-24.
- [228] Michael Daxner, *Ist die Uni noch zu retten? Zehn Vorschläge und eine Vision*, Rowohlt, 1996.
- [229] ———, *Die blockierte Universität: Warum die Wissenschaft eine andere Hochschule braucht*, Campus Sachbuch, 1999.
- [230] D.J. de Solla Price, *Little Science, Big Science*, Columbia University Press. Columbia University Press. Columbia University Press. Columbia University Press. Columbia University Press, 1963.
- [231] L. Dearden, *Ability, Families, Education and Earnings in the UK*, IFS Working Paper, W98/14 1998.
- [232] Ron Dearing, *The National Committee of Inquiry into Higher Education: 'Higher Education in the Learning Society': Dearing's Summary*, *The Times Higher Education Supplement* (1997).
- [233] Alan M. Dershowitz, *Chutzpah*, Touchstone Books, 1992.



- [234] Michael L. Dertouzos, Richard K. Lester, and Robert M. Solow (eds.), *Made in America: Regaining the Productive Edge*, HarperPerennial, 1989.
- [235] Deutsche Forschungs-Gesellschaft and Wissenschaftsrat, *Exzellenzinitiative des Bundes und der Länder: Ergebnis der Sitzung des Bewilligungsausschusses am 13. Oktober 2006*, [www.bmbf.de/pub/Exzellenzinitiative.pdf](http://www.bmbf.de/pub/Exzellenzinitiative.pdf), 2006.
- [236] Mario di Mento, *Yale gets \$ 100-Million for School of Music*, The Chronicle of Philanthropy (2005), no. November 10, 12.
- [237] Wilhelm Dilthey, *Der Aufbau der geschichtlichen Welt in den Geisteswissenschaften*, Gesammelte Schriften, vol. 7, Teubner, Stuttgart, 1968/1883.
- [238] Carl Djerassi, *Asian Brains: US v. Europe*, Science **305** (2004), no. 5684, 609.
- [239] Hans-Ulrich Doerig, *Neue Wege zur Hochschulfinanzierung*, Arbeitskreis Kapital und Wirtschaft, 2004.
- [240] Neil J. Dorans, *Correspondences Between ACT and SAT I Scores*, College Entrance Examination Board, College Board Report No. 99-1, ETS RR No. 99-2, 1999.
- [241] Robert Dorfman (ed.), *Measuring Benefits of Government Investments*, The Brookings Institution, 1965.
- [242] Robert Dorfman, Paul A. Samuelson, and Robert M. Solow, *Linear Programming and Economic Analysis*, The RAND Series, McGraw-Hill, 1958.
- [243] William C. Dowling, *College Admission: Why Selectivity Matters*, The Chronicle of Higher Education (2001), B13.
- [244] S. Dresner, *A Tale of two Ministers: Attempts at Reform of Research Systems in the Netherlands and the United Kingdom*, Science and Public Policy **29** (2002), no. 3, 169–180.
- [245] Peter F. Drucker, *The Theory of Business*, Harvard Business Review (1994), 95–104.
- [246] Leroy W. Dubeck, *Budget Handbook for College Faculty and Staff*, National Education Association, 1996.
- [247] James J. Duderstadt, *Transforming the University to Serve the Digital Age*, CAUSE/EFFECT **20** (1997-98), 21–32.
- [248] ———, *A University for the 21st Century*, The University of Michigan Press, 2000.
- [249] Chris Duke, *The Learning University: Towards a New Paradigm?*, The Society for Research into Higher Education (SRHE) & Open University Press, 1992.

- [250] Emile Durkheim, *The Division of Labor in Society*, The Free Press, 1992 (1893).
- [251] Nancy DuVergne Smith and Mary Tamer, *Women and Tenure at the Institute*, Technology Review (March 1999).
- [252] Keith E. Edwards and Kathleen G. Kerr, *Sustainable Development: Towards Healthy Environments, Economic Strength, and Social Justice*, Tools for Social Justice Conference. Kansas City, Missouri, November 13 2006.
- [253] Kenneth Edwards, *The European Space for Higher Education*, Paper presented at the University of Bologna to the European Ministers of Education, June 19, 1999.
- [254] Ronald G. Ehrenberg and Charlotte V. Kuh (eds.), *„doctoral education and the faculty of the future“*, Cornell University Press, 2009.
- [255] Richard J. Ellis, *The Dark Side of the Left: Illiberal Egalitarianism in America*, University of Kansas Press, 1998.
- [256] Lewis Elton, *Task Differentiation in Universities: Towards a New Collegiality*, Tertiary Education and Management 2 (1996), no. 2, 138–145.
- [257] J.C. Emery, *Management Information Systems*, pp. 489–524, vol. III of Aronowsky [33], 1969.
- [258] Jürgen Enders and Uwe Schimank, *Faule Professoren und vergreiste Nachwuchswissenschaftler? Einschätzungen und Wirklichkeit*, Sonderheft 20/2001 ed., pp. 159–178, in Stölting and Schimank [759], 2001.
- [259] Manfred Erhardt and Detlef Müller-Böling, *Modell für einen Beitrag der Studierenden zur Finanzierung der Hochschulen (Studienbeitragsmodell)*, Stifterverband für die Deutsche Wissenschaft und Centrum für Hochschulentwicklung (CHE), Mai 1998.
- [260] Richard R. Ernst, *Gesamtschweizerische Integration der ETH: Für eine grundsätzliche Revision des ETH-Gesetzes*, Neue Zürcher Zeitung (22. August, 2002).
- [261] ETHZ, *Planung 1992-95 (Mehrjahresplan)*, Vizepräsidium Planung & Entwicklung, 23. Januar 1991.
- [262] ———, *Akademische Vision 2011 der ETH Zürich*, Planungskommission, 14. April 1997.
- [263] ———, *Annual Report 2000*, Eidgenössische Technische Hochschule Zürich, 2000.
- [264] Amitai Etzioni, *A Comparative Analysis of Complex Organizations*, The Free Press, 1975.

- [265] Henry Etzkowitz, *Academia Agonistes: The 'Triple Helix' of Government-University-Industry Relationships in the United States*, ch. 4, pp. 78–99, vol. 53 of Braun and Merrien [114], 1999.
- [266] ———, *Research Groups as 'Quasi-Firm': the Invention of the Entrepreneurial University*, *Research Policy* **32** (2003), no. 1, 109–121.
- [267] Henry Etzkowitz and Loet Leydesdorff (eds.), *Universities and the Global Knowledge Economy: A Triple Helix of University-Industry-Government Relations*, Continuum, 2001 (1997).
- [268] European Commission, *Second European Report on S&T Indicators, 1997 Report*, Office for Official Publications of the European Commission, 1997.
- [269] ———, *Third European Report on S&T Indicators, 1997 Report*, Office for Official Publications of the European Commission, [http://cordis.europa.eu/indicators/third\\_report.htm](http://cordis.europa.eu/indicators/third_report.htm), 2004.
- [270] ———, *The European Research Area: New Perspectives*, Tech. report, EC, Brussels, [http://ec.europa.eu/research/era/pdf/era\\_gp\\_final\\_en.pdf](http://ec.europa.eu/research/era/pdf/era_gp_final_en.pdf), 2007.
- [271] Lewis Evans, Arthur Grimes, Bryce Wilkinson, and David Teece, *Economic Reform in New Zealand 1984-95: The Pursuit of Efficiency*, *Journal of Economic Literature* **XXXIV** (December 1996), 1856–1902.
- [272] I. Fassero, *La gestione dei progetti: Tecniche di Project Management*, Politeko, Torino, 2004.
- [273] FDP-Pressedienst, *FDP Stellt Weichen für künftige Bildungs-, Forschungs- und Technologiepolitik*, 23. August 2001.
- [274] Ernst Fehr, Helen Bernhard, and Bettina Rockenbach, *Egalitarianism in Young Children*, *Nature* (2008), no. 454, 1079–1083.
- [275] William Feller, *An Introduction to Probability Theory and Its Applications*, vol. I, John Wiley & Sons, 1957 (1950).
- [276] Russell W. Fenske, *Operations Research: 15 Year Index, Volumes 1-15, 1952-1967*, Operations Research Society of America (ORSA), 1970.
- [277] Johann Gottlieb Fichte, *Schriften zur Wissenschaftslehre*, Deutscher Klassiker Verlag, 1997 (1804).
- [278] M. Fishbein (ed.), *A History of the American Medical Association, 1847 to 1947*, W.B. Saunders, Philadelphia and London, 1947.
- [279] ———, *The Scientific Sections of the American Medical Association*, vol. A History of the American Medical Association, 1847 to 1947, W.B. Saunders, Philadelphia and London, 1947.

- [280] Peter C. Fishburn, *Decision and Value Theory*, Publications in Operations Research, no. 10, John Wiley & Sons, 1964.
- [281] ———, *The Theory of Social Choice*, Princeton University Press, 1973.
- [282] Edward B. Fiske and Helen Ladd, *When Schools Compete: A Cautionary Tale*, Brookings Institution Press, 2000.
- [283] Ludwig Fleck, *Zur Kritik der 'Wirklichkeit'*, Die Naturwissenschaften **17** (1929), no. 23, 425–430.
- [284] Victoria Manion Fleming, Nancy Schindler, Gary J. Martin, and Debra A. DaRosa, *Separate and Equitable Promotion Tracks for Clinician-Educators*, The Journal of the American Medical Association **294** (2005), 1101–1104.
- [285] Abraham Flexner, *Universities: American, English, German*, pp. xxxiii–381, in Kerr [450], 1930.
- [286] Jay W. Forrester, *Industrial Dynamics*, Wriqth-Allen Press, 1961.
- [287] ———, *Counterintuitive Behavior of Social Systems*, Technology Review **73** (1971), no. 3, 52–68.
- [288] ———, *World Dynamics*, Wriqth-Allen Press, 1971.
- [289] M. Foucault, *The Birth Of The Clinic: An Archaeology of Medical Perception*, Vintage, 1975/1963.
- [290] J. Fourastié, *Grand espoir du xxe siècle*, Paris, 1949.
- [291] F.G. Fowkes and C.J. Roberts, *Introducing Guidelines Into Clinical Practice*, Effective Health Care (1984), 313–323.
- [292] D.M. Fox, *The Political History of Health Workforce Policy*, in Osterweis et al. [618].
- [293] Karl A. Fox, *Social Indicators & Social Theory: Elements of an Operational System*, John Wiley & Sons, 1974.
- [294] R.C.. Fox, *Training in Caring Competence*, in Hendrie and Lloyd [372], pp. 125–157.
- [295] Richard M. Freeland, *Academia's Golden Age: Universities in Massachusetts 1945-1970*, Oxford University Press, 1992.
- [296] Robert J. Freeman and Craig D. Shoulders, *Governmental and Nonprofit Accounting: Theory and Practice*, Prentice Hall, 1999.
- [297] Markus Freiburghaus, Roland Hänni, and Daniel Schulthess, *Kostenstrukturen Schweizerischer Hochschulen: Ein Vergleich zwischen ausgewählten Hochschulen der Schweiz und Deutschlands*, Schweizerischer Wissenschaftsrat, Hochschulpolitik, HP 19/2000.

- [298] Gad Freudenthal, *Joseph Ben-David's sociology of scientific knowledge*, *Minerva* 25 (1987), 135–149.
- [299] René L. Frey, *Universität — Wirtschaft — Staat: Leistungsfähige Hochschulen zur Stärkung der regionalen Wettbewerbsfähigkeit*, ch. 7, pp. 59–70, in Herbst et al. [384], 1997.
- [300] A. Fritschi, G.A. Grin, and J.J. Paltenghi, *Studie über den Einfluss der Betriebsgrösse innerhalb der Eidgenössischen Technischen Hochschulen (Band I: Basisdaten ETHZ; Band II: Basisdaten EPFL; Band III: Analyse; Band IV: Synthese)*, Zürich und Lausanne, 1977.
- [301] Ann Fritzell, *The Current Swedish Model of University Governance: Background and Description*, National Agency for Higher Education, 1998.
- [302] Stefanie Fröhlicher-Güggi (ed.), *Jüngste Entwicklungen an den Schweizer Hochschulen: Universitäten und Fachhochschulen — eine gelungene Integration?*, Bundesamt für Statistik, Neuchâtel, 2002.
- [303] Susan Frost, Rebecca Chopp, and Aimee L. Pozorski, *Advancing Universities: The Global City as Guide for Change*, *Tertiary Education and Management* 10 (2004), no. 1, 73–86.
- [304] Susan H. Frost, *Using Scholarship: Lessons for Practise at One University*, *Research in Higher Education* 19 (1998), no. 2, 219–234.
- [305] Susan H. Frost and et al., *Intellectual Initiatives at a Research University: Origins, Evaluations, and Challenges*, Paper presented at the annual meeting of the Association for the Study of Higher Education, Richmond Va., November 2001.
- [306] Susan H. Frost and Paul M. Jean, *Making More of Faculty Culture: An Experiment in Building Intellectual Community*, *Tertiary Education and Management* 6 (2000), no. 3, 227–243.
- [307] ———, *Bridging the Disciplines: Influences of Interdisciplinary Discourse on Faculty Scholarship*, *Journal of Higher Education* (forthcoming).
- [308] Joseph S. Fruton, *Molecules and Life: Historical Essays on the Interplay of Chemistry and Biology*, Wiley Interscience, 1972.
- [309] ———, *Contrast in Scientific Style: Research Groups in the Chemical and Biochemical Sciences*, *Memoirs Series*, vol. 191, American Philosophical Society, 1990.
- [310] B.E. Frye, *Choices and Responsibility: Shaping Emory's Future*, Emory University (Atlanta), 1994.
- [311] Masahisa Fujita, Paul Krugman, and Anthony J. Venables, *The Spatial Economy: Cities, Regions, and International Trade*, MIT Press, 2001.

- [312] Masahisa Fujita and Jacques-François Thisse, *Economics of Agglomeration: Cities, Industrial Location, and Regional Growth*, Cambridge University Press, 2002.
- [313] P. Galison, *Image and logic: A material culture of microphysics*, University of Chicago Press, 1997.
- [314] Peter Louis Galison and Bruce Hevly (eds.), *Big Science: The Growth of Large Scale Research*, Stanford University Press, 1994.
- [315] Herbert Gans (ed.), *On the Making of Americans*, University of Pennsylvania Press, 1979.
- [316] E. Garfield, *Citation Indexes for Science*, *Science* **123** (1956), no. 3184, 61–62.
- [317] Kishore Gawande and Timothy Wheeler, *Measure of Effectiveness for Governmental Organizations*, *Management Science* **45** (1999), no. 1, 42–58.
- [318] Roger L. Geiger, *Research and Relevant Knowledge: American Research Universities since World War II*, Oxford University Press, 1993.
- [319] Claudius Gellert, *The Impact of United States Higher Education on German Higher Education Reform and Innovation Debates*, *Werkstattberichte* **4**, pp. 45–56, in [770], 1992.
- [320] Claudius Gellert (ed.), *Innovation and Adaptation in Higher Education*, Higher Education Policy Series, vol. 22, Jessica Kingsley Publishers, 1999.
- [321] E. Gellner, *Notes Towards a Theory of Ideology*, *Spectacles & Predicaments* (1979), 117–132.
- [322] Arthur M. Geoffrion, *The Formal Aspects of Structured Modeling*, *Operations Research* **37** (1989), no. 1, 30–51.
- [323] Michael C. Geoghegan and Russell L. Ackoff, *Productivity and Learning*, *Systems Practice* **2** (1989), no. 1, 7–10.
- [324] Aldo Geuna and Ben R. Martin, *University Research Evaluation and Funding: An International Comparison*, *Minerva* **41** (2003), no. 4, 277–304.
- [325] D.A. Gioia and K. Chittipeddi, *Sensemaking and Sensegiving in Strategic Change Initiation*, *Strategic Management Journal* **12** (1991), no. 6, 433–448.
- [326] J. Gläser, Laudel G., Hinze S., and Butler L., *Impact of evaluation-based funding on the production of scientific knowledge: what to worry about, and how to find out*, Fraunhofer Institut für System- und Innovationsforschung (ISI), Karlsruhe, 2002.

- [327] Peter Glotz, *Im Kern verrottet? Fünf vor zwölf an Deutschlands Universitäten*, Deutsche Verlags-Anstalt, 1996.
- [328] ———, *Die Universität im digitalen Zeitalter*, pp. 17–24, in [491], 2001.
- [329] ———, *Warten auf den Urknall*, Weltwoche (2004), no. 3.
- [330] B. Goldfarb, *The Effect of Government Contracting on Academic Research: Does the source of funding affect scientific output?*, *Research Policy* **37** (2008), no. 1, 41–58.
- [331] David T. Gordon, *A Nation at Risk? American Education 20 Years After A Nation at Risk*, Harvard University Press, 2003.
- [332] Al Gore, *Creating a Government That Works Better and Costs Less: The Report of the National Performance Review*, Plume, 1993.
- [333] ———, *The Best Kept Secrets in Government: How the Clinton Administration Is Reinventing the Way Washington Works; Fourth Report of the National Performance Review*, Random House, 1996.
- [334] A. Gornitzka, K. Svein, and Larsen I.M., *The Bureaucratization of Universities*, *Minerva* **XXXVI** (1998), no. 1, 25–47.
- [335] Hugh Davis Graham and Nancy Diamond, *The Rise of the American Research Universities: Elites and Challengers in the Postwar Era*, Johns Hopkins University Press, 1997.
- [336] Bradford H. Gray, Michael K. Gusmano, and Sara Collin, *AHCPR And The Changing Politics Of Health Services Research*, *Health Affairs* (2003), no. Web Exclusive, 10.1377/hlthaff.w3.283.
- [337] Harry Gray (ed.), *Universities and the Creation of Wealth*, The Society for Research into Higher Education & Open University Press, 1999.
- [338] Zvi Griliches (ed.), *R&D, Patents, and Productivity*, National Bureau of Economic Research, University of Chicago Press, 1984.
- [339] ———, *R&D and Productivity: The Econometric Evidence*, University of Chicago Press, 1998.
- [340] ———, *R&D, Education, and Productivity: A Retrospective*, Harvard University Press, 2000.
- [341] James E. Groccia and Judith E. Miller (eds.), *Enhancing Productivity: Administrative, Instructional, and Technological Strategies*, *New Directions for Higher Education*, vol. 103, Jossey-Bass Publishers, Fall 1998.
- [342] Ernest W. Grove, *Comments to Mancur Olson's Paper*, pp. 394–397, vol. 38 of *Moss* [573], 1973.

- [343] Arnulf Grübler, *Technology and Global Change*, Cambridge University Press, The International Institute for Applied Systems Analysis (IIASA), 1998.
- [344] David Gugerli, Patrick Kupper, and Daniel Speich, *Die Zukunftsmachine: Konjunkturen der ETH Zürich 1855–2005*, Chronos Verlag, 2005.
- [345] Lani Guinier, *Colleges Should Take ‘Confirmative Action’ in Admissions*, The Chronicle of Higher Education (December 14, 2001), B10–12.
- [346] M. Gulbrandsen and J.C. Smeby, *Industry Funding and University Professors’ Research Performance*, Research Policy **34** (2005), no. 6, 932–950.
- [347] Andrew Hacker, *They’d Much Rather be Rich*, The New York Review of Books **LIV** (October 11, 2007), no. 15, 31–34.
- [348] J. Hadar and W.R. Russell, *Rules for Ordering Uncertain Prospects*, American Economic Review **59** (1969), 25–34.
- [349] F.W. Hafferty and D. Levinson, *Moving Beyond Nostalgia and Motives*, Perspectives in Biology and Medicine **51** (2008), no. 4, 599–615.
- [350] A.H. Halsey and Martin A. Trow, *The British Academics*, Harvard University Press, 1971.
- [351] Michael Hammer and James Champy, *Reengineering the Corporation: A Manifesto for Business Revolution*, HarperBusiness, 1993.
- [352] Notker Hammerstein, *Die Deutsche Forschungsgemeinschaft in der Weimarer Republik und im Dritten Reich: Wissenschaftspolitik in Republik und Diktatur*, C.H. Beck, 1999.
- [353] ———, *Res publica litteraria: Ausgewählte Aufsätze zur frühgeschichtlichen Bildungs-, Wissenschafts- und Universitätsgeschichte*, Duncker & Humblot, 2000.
- [354] Anke Hanft (ed.), *Grundbegriffe des Hochschulmanagements*, Luchterhand Verlag, 2001.
- [355] G. Hanoch and H. Levy, *The Efficient Analysis of Choices Involving Risk*, Review of Economic Studies **39** (1969), 335–346.
- [356] Eric A. Hanushek and Dennis D. Kimko, *Schooling, Labor-Force Quality, and the Growth of Nations*, The American Economic Review **90** (2000), no. 5, 1184–1208.
- [357] Donna Haraway, *Situated Knowledge: The Science Question in Feminism and the Privilege of Partial Perspective*, Feminist Studies **14** (1988), no. 3, 575–599.
- [358] Frederick Harbison and Charles Myers (eds.), *Manpower and Education*, McGraw-Hill, 1965.



- [359] Sandra Harding, *Feminism and Science*, ch. Rethinking Standpoint Epistemology, Oxford University Press, 1996.
- [360] David Harel, *Algorithmics: The Spirit of Computing*, Addison-Wesley, 1992.
- [361] Harvard University, *Fact Book 2007-08*, Office of Institutional Research, 2008.
- [362] A. McGehee Harvey, *The Association of American Physicians, 1886–1986: A Century of Progress in Medical Science*, Williams & Wilkins, Baltimore, 1986.
- [363] P. Hassenteufel, *Les médecins face à l'état: Une comparaison européenne*, Presses de la Fondation Nationale des Sciences Politiques, Paris, 1997.
- [364] Guy Haug, *Trends and Issues in Learning Structures in Higher Education in Europe*, Project Report, August 18, 1999.
- [365] ———, *Visions of a European Future: Bologna and Beyond*, 11th EAIE Conference, Maastricht, December 2, 1999.
- [366] Robert Haveman and Barbara Wolfe, *The Determinants of Children's Attainments: A Review of Methods and Findings*, *Journal of Economic Literature* **XXXIII** (1995), 1829–1878.
- [367] D. Healy, *The Antidepressant Era*, Cambridge, Harvard University Press, 1997.
- [368] Sara Hebel, *Public Colleges Feel Impact of Economic Downturn: Many are being forced to enact large tuition increases; others face budget uncertainty*, *The Chronicle of Higher Education* (2001), no. July 20.
- [369] ———, *Private Colleges Face Cuts in Public Dollars: Direct taxpayer support and student-aid programs are in jeopardy as states struggle to close deficits*, *The Chronicle of Higher Education* **XLIX** (2003), no. 47, A19–A20.
- [370] J. Heckman, C. Heinrich, and J. Smith, *Assessing the Performance of Performance Standards in Public Bureaucracies*, *American Economic Review* **87** (1997), 389–395.
- [371] Ulrich Helfenstein, *Die Matrikel der Universität Zürich, 1833 bis 1914*, [www-rektorat.unizh.ch/matrikel](http://www-rektorat.unizh.ch/matrikel), August 2001.
- [372] H.C. Hendrie and C. Lloyd (eds.), *Educating Competent and Humane Physicians*, Indiana University Press, 1990.
- [373] Mary Henkel, *Academic Identities and Policy Change in Higher Education*, Jessica Kingsley, 2000.
- [374] Mary Henkel and Brenda Little (eds.), *Changing Relationships between Higher Education and the State*, Higher Education Policy Series, vol. 45, Jessica Kingsley Publishers, 1999.

- [375] Marcel Herbst, *A Short Definition of Systems Analysis*, unpublished report, University of North Carolina at Chapel Hill, Department of City & Regional Planning, 1970.
- [376] ———, *Die Hochschule zwischen Tradition und Erneuerung*, pp. 173–193, in Herbst et al. [384], 1997.
- [377] ———, *Book Review of the ‘Rise and Fall of Strategic Planning’ by Henry Mintzberg*, *Tertiary Education and Management* 4 (1998), no. 2, 153–157.
- [378] ———, *Change Management: A Classification*, *Tertiary Education and Management* 5 (1999), 125–139.
- [379] ———, *Governance and Management of Research Universities: Funding and Budgeting as Instruments of Change*, Centre d’études de la science et de la technologie (CEST 2004/4, [www.cest.ch/en/publikationen/cestreihe.htm](http://www.cest.ch/en/publikationen/cestreihe.htm)), October 2004.
- [380] ———, *The Production-Morphology Nexus of Research Universities: The Atlantic Split*, *Higher Education Policy* 17 (2004), no. 1, 5–21.
- [381] ———, *Financing Public Universities: The Case of Performance Funding*, Springer Science + Business Media, 2007.
- [382] ———, *Zur Rangordnung von Universitäten: ein Jahrmarkt der Eitelkeiten?*, *Tages-Anzeiger* (November 2, 2005), 11.
- [383] Marcel Herbst, Urs Hugentobler, and Lydia Snover, *MIT and ETH Zürich: Structures and Cultures Juxtaposed*, Centre d’études de la science et de la technologie (CEST 2002/9, [www.cest.ch/en/publikationen/cest\\_reihe.htm](http://www.cest.ch/en/publikationen/cest_reihe.htm)), October 2002.
- [384] Marcel Herbst, Günther Latzel, and Leonard Lutz (eds.), *Wandel im tertiären Bildungssektor: Zur Position der Schweiz im internationalen Vergleich*, Verlag der Fachvereine (vdf), 1997.
- [385] Marcel Herbst and Gerhard Schmitt, *Virtueller Campus*, pp. 470–478, in Hanft [354], 2001.
- [386] HERO (ed.), *Research Assessment Exercise 2001: The Outcome*, Higher Education & Research Opportunities in the United Kingdom, December 2001.
- [387] Richard H. Hersh and John Merrow (eds.), *Declining by degrees: Higher education at risk*, Palgrave/MacMillan, 2005.
- [388] James F. Hibbert, *President’s Address*, *The Journal of the American Medical Association* XXII (1894), no. 23, 859–864.
- [389] Higher Education Funding Council for England, *A Guide to the 2001 Research Assessment Exercise*, 2001.

- [390] ———, *An Introduction to the Higher Education Funding Council for England*, Guide 02/17, April 2002.
- [391] ———, *Funding Higher Education in England: How HEFCE allocates its funds*, Guide 02/18, April 2002.
- [392] ———, *Funding Higher Education in England: How HEFCE allocates its funds*, Guide 03/29, June 2003.
- [393] Hirschhorn, Larry, *Campaigning for Change*, Harvard Business Review (2002), 98–104.
- [394] HM Treasury (ed.), *Investing in Innovation: A Strategy for Science, Engineering and Technology*, The Public Enquiry Unit, July 2002.
- [395] Stephen A. Hoenack, *Economic Behavior Within Organizations*, Cambridge University Press, 1983.
- [396] Thomas B. Hoffer, Bernard L. Dugoni, Allen R. Sanderson, Scott Sederstrom, Rashna Ghadialy, and Peter Rocque, *Doctorate Recipients from United States Universities: Summary Report 2000*, National Opinion Research Center (NORC), University of Chicago ([www.norc.uchicago.edu/issues/docdata.htm](http://www.norc.uchicago.edu/issues/docdata.htm)), 2001.
- [397] Constance Holden, *Questions Raised on Math Rankings*, Science **254** (1991), no. 5034, 934.
- [398] David A. Hollinger, *Science, Jews, and Secular Culture: Studies in Mid-Twentieth-Century American Intellectual History*, Princeton University Press, 1996.
- [399] Rainer Holm-Hadulla, *Kreativität — Arbeits- und Lebensstil*, Kreativität und Innovation: Beiträge aus Wirtschaft, Technik und Praxis (Tanja Gabriele Baudson and Martin Dresler, eds.), Kluwer, 2008.
- [400] Bengt Holstrom, *On the Theory of Delegation*, in Boyer and Kihlstorm [112], 1983.
- [401] Seppo Hölttä, *The Funding of Universities in Finland: towards goal-oriented government steering*, European Journal of Education **33** (1998), no. 1, 55–63.
- [402] Seppo Hölttä and Jaakko Nuotio, *Academic Leadership in a Self-Regulative Environment: A challenge for Finnish universities*, Tertiary Education and Management **1** (1995), no. 1, 12–20.
- [403] David S. Hopkins (ed.), *Planning Models for Colleges and Universities*, Stanford University Press, 1981.
- [404] Nick Hopwood, *Embryos in Wax. Models from the Ziegler Studio*, Cambridge University Press, 2002.

- [405] Stefan Hornbostel, *Öffentliche Sichtbarkeit der Forschung an der Universität Hamburg: Vergleich und Re-Analyse verschiedener Rankings und Expertenkommentare zur Wahrnehmung der Forschungsleistungen*, Institut für Soziologie der Universität Dortmund, Januar 2005.
- [406] Jeroen Huisman, *The Netherlands*, in Huisman and Kaiser [3], pp. 27–33.
- [407] Jeroen Huisman and Frans Kaiser, *Comparative Analysis*, [3], pp. 19–26.
- [408] John Hurley, *Organisation and Scientific Discovery*, John Wiley & Sons, 1997.
- [409] Institute of Higher Education, *Academic Ranking of World Universities, 2003 Edition*, Shanghai Jiao Tong University ([www.sjtu.edu.cn/www/english/index.html](http://www.sjtu.edu.cn/www/english/index.html)), 2004.
- [410] Jane Jacobs, *Systems of Survival: A Dialogue on the Moral Foundations of Commerce and Politics*, Random House, 1992.
- [411] JAMA, *An Important Question*, The Journal of the American Medical Association **XI** (1888), no. 21, 741–742.
- [412] ———, *The Number and Variety of Medical Societies*, The Journal of the American Medical Association **XI** (1888), no. 22, 777–778.
- [413] ———, *The Association of Military Surgeons of the United States*, The Journal of the American Medical Association **XXVI** (1896), no. 22, 881–882.
- [414] ———, *History of the Sections of the American Medical Association*, The Journal of the American Medical Association **XXXVIII** (1902), no. 23, 1504–1515.
- [415] Otfried Jarren, *Zwei Professoren für 1500 Studierende*, Neue Zürcher Zeitung (14. November 2000), no. 266, 69.
- [416] S. Jasanoff, *The Fifth Branch: Science Advisors as Policymakers*, Harvard University Press, 1990.
- [417] S. Jasanoff, G.E. Markle, J.C. Petersen, and T. Pinch (eds.), *Handbook of Science and Technology Studies*, Sage, 1995.
- [418] Paul Jedamus, Marvin W. Peterson, and Associates, *Improving Academic Management: A Handbook of Planning and Institutional Research*, Jossey-Bass Publishers, 1981.
- [419] Christopher Jencks and David Riesman, *The Academic Revolution*, Transaction Publishers, 2002 (1968).
- [420] N.D. Jewson, *Medical Knowledge and the Patronage System in 18th Century England*, *Sociology* **8** (1974), no. 3, 369–385.
- [421] ———, *The Disappearance of the Sick-Man from Medical Cosmology, 1770-1870*, *Sociology* **10** (1976), no. 2, 225–244.

- [422] Jill Johnes and Geraint Johnes, *Research Funding and Performance in UK: University Departments of Economics, A Frontier Analysis*, *Economics of Education Review* **14** (1995), no. 3, 301–314.
- [423] Jill Johnes and Jim Taylor, *Performance Indicators in Higher Education: UK Universities*, The Society for Research into Higher Education & Open University Press, 1990.
- [424] Ron Johnston, *Effects of Resource Concentration on Research Performance*, *Higher Education* **28** (1993), no. 1, 25–37.
- [425] ———, *Research Impact Quantification*, *Scientometrics* **34** (1995), no. 3, 415–426.
- [426] Lawrence R. Jones and Donald F. Kettl, *Assessing Public Management Reform in an International Context*, *International Public Management Review* **4** (2003), no. 1, 1–18.
- [427] Lawrence R. Jones, Kuno Schedler, and Stephen W. Wade (eds.), *International Perspectives on the New Public Management*, JAI Press, 1997.
- [428] J.M. Juran (ed.), *A History of Managing for Quality: The Evolution, Trends, and Future Directions of Managing for Quality*, ASOC Quality Press, 1995.
- [429] J.M. Juran and Frank M. Gryna (eds.), *Juran's Quality Control Handbook*, forth ed., McGraw-Hill, 1988 (1951).
- [430] A.E. Kahn, *The Tyranny of Small Decisions*, *Kyklos* **20** (1966), 23ff.
- [431] Herman Kahn and Anthony J. Wiener, *The Next Thirty-Three Years: A Framework for Speculation*, pp. 705–732, vol. 96 of *Bell* [1], summer 1967.
- [432] Patricia Kahn, *Max Planck Institutes Brace for Change*, *Science* **270** (1996), no. 5236, 568–570.
- [433] ———, *The Decline of German Universities*, *Science* **273** (1996), no. 5272, 172–174.
- [434] Robert S. Kaplan and David P. Norton, *The Balanced Scorecard: Translating Strategy into Action*, Harvard Business School Press, 1996.
- [435] Jerome Karabel, *The Chosen: The Hidden History of Admission and Exclusion at Harvard, Yale, and Princeton*, Houghton Mifflin, 2005.
- [436] Peter Karmel, *Higher Education at the Crossroads: Response to an Australian Ministerial Discussion Paper*, *Higher Education* **45** (2003), 1–18.
- [437] Ralph L. Keeney and Howard Raiffa, *Decisions with Multiple Objectives: Preferences and Value Tradeoffs*, John Wiley & Sons, 1976.
- [438] Robert Kegan and Lisa Lahey, *How the Way we Talk can Change the Way we Work*, Jossey-Bass Publishers, 2002.

- [439] Evelyn Fox Keller and Helen Longino (eds.), *Feminism and Science*, Oxford University Press, 1996.
- [440] Phyllis Keller and Morton Keller, *Making Harvard Modern: The Rise of America's University*, Oxford University Press, 2001.
- [441] Herbert R. Kells, *The Inadequacy of Performance Indicators for Higher Education: The Need for a More Comprehensive and Developmental Construct*, *Higher Education Management* 2 (1986), no. 3, 258–270.
- [442] ———, *Self-Regulation in Higher Education: A Multi-National Perspective on Collaborative Systems of Quality Assurance and Control*, Jessica Kingsley, 1992.
- [443] ———, *Self-Study Processes: A Guide to Self-Evaluation in Higher Education*, 4th ed., Series on Higher Education, American Council on Education and Oryx Press, 1995.
- [444] ———, *The Implication of Increased Institutional Diversity for Higher Education Evaluation*, pp. 43–51, in Herbst et al. [384], 1997.
- [445] Patrick J. Kelly, *As America Becomes More Diverse: The Impact of State Higher Education Inequality*, National Center for Higher Education Management Systems (NCHEMS), November 2005.
- [446] Ursula Kelly, Richard Marsh, and Iain McNicoll, *The Impact of Higher Education Institutions on the UK Economy*, Universities UK, May 2002.
- [447] Donald Kennedy, *Academic Duty*, Harvard University Press, 1997.
- [448] Martin Kenney (ed.), *Understanding Silicon Valley: The Anatomy of an Entrepreneurial Region*, Stanford University Press, 2000.
- [449] Clark Kerr, *The Uses of the University*, Harvard University Press, 1963.
- [450] Clark Kerr (ed.), *Abraham Flexner: Universities, American, English, German*, Transaction Publishers (Oxford University Press), 1994.
- [451] ———, *Remembering Flexner: Introduction to the Transaction Edition*, in *Abraham Flexner: Universities, American, English, German* [450], pp. ix–xxxii.
- [452] Clark Kerr, *The Gold and the Blue: A Personal Memoir of the University of California, 1949-1967*, vol. 1 [Academic Triumphs], University of California Press, 2001.
- [453] ———, *The Gold and the Blue: A Personal Memoir of the University of California, 1949-1967*, vol. 2 [Political Turmoil], University of California Press, 2001.
- [454] Joseph F. Kett, *The Pursuit of Knowledge Under Difficulties: From Self-Improvement to Adult Education in America, 1750-1990*, Stanford University Press, 1994.

- [455] Donald F. Kettl, *The Global Public Management Revolution: A Report on The Transformation of Governance*, Brookings Institution Press, 2000.
- [456] ———, *The Transformation of Governance: Public Administration for the Twenty-First Century America*, Johns Hopkins University Press, 2002.
- [457] Adrianna J. Kezar and Peter Eckel, *The Core Strategies of Institutional Transformation: Inter-Related Strategies and Sensemaking*, *Research in Higher Education* **43** (2002), no. 3, 295–328.
- [458] ———, *The Effect of Institutional Culture on Change Strategies in Higher Education: Universal Principles or Culturally Responsive Concepts?*, *The Journal of Higher Education* (2002, forthcoming).
- [459] Rakesh Khurana, *From Higher Aims to Hired Hands*, Princeton University Press, 2007.
- [460] Bruce A. Kimball, *Orators & Philosophers: A History of the Idea of Liberal Education*, The College Board, 1995.
- [461] David A. King, *The Scientific Impact of Nations: What Different Countries get for their Research Spending*, *Nature* **430** (2004), 311–316.
- [462] Adam Kissel, *Sex, Lies, and Residence Life: Delaware's Thought Reform*, *Academic Questions* **22** (2009), no. 2, 181–199.
- [463] Charles Kleiber (ed.), *Die Universität von morgen: Visionen, Fakten, Einschätzungen*, Gruppe für Wissenschaft und Forschung (GWF), Eidgenössisches Departement des Innern, 1999.
- [464] Ann Klemperer, *Sweden*, in Huisman and Kaiser [3], pp. 95–102.
- [465] Robert Klitgaard and Paul C. Light, *High-Performance Government: Structure, Leadership, Incentives*, Rand Corporation, 2005.
- [466] K. Knorr Cetina, *Epistemic cultures: How the sciences make knowledge*, Harvard University Press, 1999.
- [467] Maurice Kogan, *Higher Education Communities and Academic Identities*, *Higher Education Quarterly* **54** (2000), no. 3, 207–216.
- [468] Maurice Kogan and Stephen Hanney, *Reforming Higher Education*, Higher Education Policy Series, vol. 50, Jessica Kingsley Publishers, 2000.
- [469] Theodor Koller and Dieter M. Imboden, *Die Umweltnaturwissenschaften: Beispiel einer bottom-up-Bewegung zur Schaffung neuer Lehr- und Forschungseinheiten*, unpublished report, Department of Environmental Sciences, ETHZ, 25. Januar 2001.
- [470] Donald Enloe Konold, *A History of American Medical Ethics, 1847–1912*, Madison, WI: State Historical Society of Wisconsin, 1962.

- [471] Tjalling C. Koopmans, *Three Essays on the State of Economic Science*, McGraw-Hill, 1957.
- [472] Gottfried Korff (ed.), *Museumsdinge: Deponieren — Exponieren*, Böhlau, 2007.
- [473] Pekka Korhonen, Risto Tainio, and Jyrki Wallenius, *Value Efficiency Analysis of Academic Research*, Interim Report, International Institute for Applied Systems Analysis (IIASA), Laxenburg (A), IR-98-032/June 1998.
- [474] Alan Charles Kors and Harvey A. Silverglate, *The Shadow University: The Betrayal of Liberty on America's Campuses*, The Free Press, 1998.
- [475] Werner Köster, *Die Rede über den 'Raum': Zur semantischen Karriere eines deutschen Konzepts*, Studien zur Wissenschafts- und Universitätsgeschichte, vol. 1, Synchron Wissenschaftsverlag der Autoren, 2002.
- [476] Timm Krägenow, Philipp Jaklin, and Karin Nink, *SPD-Generalsekretär entfacht Streit um Elite-Universität*, Financial Times Deutschland (2004).
- [477] Gertrude Kreutzmann, *Forschungsförderung im Wettbewerb: Die Rolle der Forschungsförderer und Ergebnisse der Forschungsförderung an der Universität Hamburg*, Hannover, Frühling 2005.
- [478] J. Krige, *Some socio-historical aspects of multi-national collaborations in high-energy physics at cern between 1975 and 1985*, Denationalizing Science (E. Crawford, ed.), Kluwer, 1993.
- [479] John Krige, *American Hegemony and the Postwar Reconstruction of Science in Europe*, MIT Press, 2006.
- [480] Claus-Dieter Krohn, *Wissenschaft im Exil (Intellectuals in Exile)*, Campus-Verlag (University of Massachusetts Press), 1987 (1993).
- [481] Alan B. Krueger and Mikael Lindahl, *Education for Growth: Why and For Whom?*, Journal of Economic Literature **XXXIX** (2001), 1101–1136.
- [482] Thomas S. Kuhn, *The Structure of Scientific Revolutions*, 2nd ed., International Encyclopedia of Unified Science, vol. 2, The University of Chicago Press, 1970 (1962).
- [483] ———, *The Essential Tension: Selected Studies in Scientific Tradition and Change*, The University of Chicago Press, 1977.
- [484] R. Kundra, *Investigation of Collaborative Research Trends in Indian Medical Sciences: 1900–1945*, Scientometrics **36** (1996), no. 1, 69–80.
- [485] Elvan Kut, Nils Schaffner, Amrei Wittwer, Victor Candia, Meike Brockmann, Claudio Storck, and Gerd Folkers, *Changes in the Self-perceived Role Identity Modulate Pain Perception*, Pain **131** (2007), no. 1-2, 191–201.



- [486] David Lampe (ed.), *The Massachusetts Miracle: High Technology and Economic Revitalization*, The MIT Press, 1988.
- [487] P. Larédo and P. Mustar, *Public Sector Research: A Growing Role in Innovation Systems*, *Minerva* **42** (2004), no. 1, 11–27.
- [488] Norman LaRocque, *Who Should Pay? Tuition fees and tertiary education financing in New Zealand*, Education Forum, January 2003.
- [489] Bruno Latour, *Science in Action: How to Follow Scientists and Engineers through Society*, Harvard University Press, 1988.
- [490] Lisa R. Lattuca, *Creating Interdisciplinarity: Interdisciplinary Research and Teaching among College and University Faculty*, Vanderbilt University Press, 2001.
- [491] Günther Latzel and Sami Kanaan, *Die Zukunft des Hochschulstandorts Schweiz*, Gesellschaft für Hochschule und Forschung, 2001.
- [492] G. Laudel, *The Art of Getting Funded: How Scientists Adapt to their Funding Conditions*, *Science and Public Policy* **33** (2006), no. 7, 489–504.
- [493] Christopher Lawrance, *Incommunicable Knowledge: Science, Technology and Clinical Art in Britain, 1850–1914*, *Journal of Contemporary History* **20** (1985), no. 4, 503–520.
- [494] S. Lederer, *Subjected to Science: Human Experimentation in America before the Second World War*, Johns Hopkins University Press, 1995.
- [495] C. Leilich, *Flat or Steep Hierarchies in Research Institutes? Empirical Findings for the Max-Planck-Institutes*, Institut für Arbeitsrecht und Arbeitsbeziehungen in EG (IAAEG), Trier, 2005.
- [496] T. Lenoir, *Instituting Science. The Cultural Production of Scientific Disciplines*, Stanford University Press, 1997.
- [497] T.J. Lepori and P. Larédo, *Changing Patterns of Public Research Funding in France*, *Science and Public Policy* **34** (2007), no. 6, 389–399.
- [498] Leszczensky, Michael, *Paradigmenwechsel in der Hochschulfinanzierung*, Hochschul-Informationen-System (HIS), Kurzinformationen, Februar 2003.
- [499] Rosalind Levacic (ed.), *Financial Management in Education*, Open University Press, 1989.
- [500] Roger Levin, *The Origin of Modern Humans*, Scientific American Library, 1993.
- [501] Sharon G. Levin and Paula E. Stephan, *Are the Foreign Born a Source of Strength for US Science?*, *Science* **285** (1999), no. 5431, 1213–1214.

- [502] Arthur E. Levine (ed.), *Higher Learning in America: 1980–2000*, Johns Hopkins University Press, 1993.
- [503] ———, *The Future of Colleges: 9 Inevitable Changes*, *The Chronicle of Higher Education* (2000), B10–11.
- [504] Lévy, René and Patricia Roux and Pierre Gobet, *Die Situation des Mittelbaus and den Schweizer Hochschulen: Teil I*, Schweizerischer Wissenschaftsrat, Hochschulpolitik FS 14b, 1997.
- [505] Wilhelm Lexis, *Die Universitäten im deutschen Reich*, Asher, 1904.
- [506] Loet Leydesdorff, *Knowledge-Based Innovation Systems and the Model of a Triple Helix of University-Industry-Government Relations*, Paper presented at the Conference “New Economic Windows: New Paradigms for the New Millennium”, September (2001) Salerno (Italy).
- [507] Loet Leydesdorff and Henry Etzkowitz, *The Transformation of University-Industry-Government Relations*, *Electronic Journal of Sociology* **5** (2001), no. 4, [www.icaap.org/iuicode?1.5.4.1](http://www.icaap.org/iuicode?1.5.4.1).
- [508] Ingo Liefner, *Funding, Resource Allocation, and Performance in Higher Education*, *Higher Education* **46** (2003), 469–489.
- [509] Paul C. Light, *The Tides of Reform: Making Government Work, 1945–1995*, Yale University Press, 1997.
- [510] ———, *Pathways to Nonprofit Excellence*, Brookings Institution Press, 2002.
- [511] Frank R. Lillie, William Trelease, Henry H. Donaldson, William H. Howell, and James Rowland Angell, *Cooperation in Biological Research*, *Science* **XXV** (1908), 369–386.
- [512] C.E. Lindblom, *The Science of Muddling Through*, *Public Administration Review* **19** (1959), 79–88.
- [513] Angela Lindner (ed.), *Gewogen und für zu leicht befunden? Neue Herausforderungen für die Forschung in Deutschland und in Europa*, Stifterverband für die Deutsche Wissenschaft, 2003.
- [514] William Little, H.W. Fowler, J. Coulson, and C.T. Onions (eds.), *The Shorter Oxford English Dictionary on Historical Principles*, Oxford University Press, 1967 (1933).
- [515] Nian Cai Liu, *The Story of the Academic Ranking of World Universities*, *International Higher Education* (2009), no. 54, 2–3.
- [516] Susanne Lohmann, *How Information Moves From Those Who Have it to Those Who Need it: The Information Ecology of the Research University*, Paper presented in the context of Higher Education in the Digital Age, Center for Studies in Higher Education, UC Berkeley, February 16, 2001.

- [517] Alfred J. Lotka, *The Frequency Distribution of Scientific Productivity*, Journal of the Washington Academy of Sciences **16** (1926), 317–323.
- [518] Michael Lubrano and Camelia Protopopescu, *Density Inference for Ranking European Research Systems in the Field of Economics*, Journal of Econometrics **123** (2004), no. 2, 345–369.
- [519] K. Ludmerer, *Time to Heal*, Oxford University Press, 2000.
- [520] B. Lundvall, *National Systems of Innovation*, Pinter Publishers, London, 1992.
- [521] Terttu Luukkonen, R.J.W. Tijssen, O. Persson, and G. Sivertsen, *The Measurement of International Scientific Collaboration*, Scientometrics **28** (1993), no. 1, 15–36.
- [522] Peter A.M. Maassen, *Governmental Steering and the Academic Culture: The Intangibility of the Human Factor in Dutch and German Universities*, De Tijdstroom, 1996.
- [523] Sharon Macdonald, *The Politics of Display: Museums, Science, Culture*, Exhibition of Power and Power of Exhibitions: an introduction to the politics of display (Sharon Macdonald, ed.), Routledge, 1998, pp. 1–24.
- [524] Donald Macedo (ed.), *Chomsky on Miseducation*, Rowman & Littlefield, 2000.
- [525] J. Mairesse and L. Turner, *Productivity Differences Across Individuals in Public Research: an econometric study of french physicists' publications and citations (1980-1997)*, Annales d'Economie et de Statistiques (forthcoming).
- [526] V. Mangematin, S. Blanco, B. Deschamp, C. Genet, and B. Kahane, *Project Management: Learning by Breaking the Rule*, Working Papers 2006-06, Grenoble Applied Economics Laboratory (GAEL), INRA – Université Pierre Mendès, Grenoble-France, 2006.
- [527] James G. March, Martin Schulz, and Xueguang Zhou, *The Dynamics of Rules: Change in Written Organizational Codes*, Stanford University Press, 2000.
- [528] Harry Marks, *The Progress of Experiment: Science and Therapeutic Reform in the United States 1900–1990*, Cambridge University Press, 1997.
- [529] Massachusetts Institute of Technology, *1998–1999 Common Data Set*, Office of the Provost, Institutional Research, [www.mit.edu/ir/cds9899cds/c.html](http://www.mit.edu/ir/cds9899cds/c.html).
- [530] ———, *Departmental Profiles, 1992-2001*, Office of the Provost, [www.mit.edu/ir/spreadsheets/](http://www.mit.edu/ir/spreadsheets/).
- [531] ———, *First Annual Catalogue of the Officers and Students, and Programme of the Course of Instruction, of the School of the Massachusetts Institute of Technology, 1865–6*, Boston, John Wilson and Sons, 1865, <http://libraries.mit.edu/archives/mithistory/>.

- [532] ———, *MIT Facts 2001*, <http://w3.mit.edu/facts/>.
- [533] ———, *Policies and Procedures: A Guide for Faculty and Staff Members*, [www.mit.edu/policies/intex.html](http://www.mit.edu/policies/intex.html).
- [534] ———, *Task Force on Student Life and Learning: Results of the 1997 MIT Faculty Survey*, Office of Academic Services, <http://web.mit.edu/committees/s11/FacSurvey.html>, 1997.
- [535] ———, *Putting Education First. Student Advisory Committee, Final Report Task Force on Student Life and Learning*, <http://web.mit.edu/committees/s11/final.html>, 1998.
- [536] ———, *Task Force on Student Life and Learning: Final Report*, Office of Academic Services, <http://web.mit.edu/committees/s11/>, 1998.
- [537] William F. Massy, *A Paradigm for Research on Higher Education*, pp. 1–34, vol. VI of *Smart* [734], 1990.
- [538] William F. Massy (ed.), *Resource Allocation in Higher Education*, The University of Michigan Press, 1996.
- [539] ———, *Honoring the Trust: Quality and Cost Containment in Higher Education*, Anker Publishing Company, 2003.
- [540] ———, *Markets in Higher Education: Do they Promote Internal Efficiency?*, pp. 13–35, in Teixeira et al. [771], 2004.
- [541] William F. Massy and Joel W. Meyerson (eds.), *Strategy & Finance in Higher Education: Surviving the '90s*, Peterson's Guides, 1992.
- [542] William F. Massy and Robert Zemsky, *The Dynamics of Academic Productivity*, State Higher Education Executive Officers (SHEEO), 1990.
- [543] Gary W. Matkin, *The University Role in Regional Economic Development: Lessons from America*, ch. 8, pp. 71–79, in Herbst et al. [384], 1997.
- [544] ———, *Using Financial Information in Continuing Education: Accepted Methods and New Approaches*, American Council on Education, Oryx Press, 1997.
- [545] Klaus Mauerberger (ed.), *Sammlungen und Kunstbesitz der Technischen Universität Dresden*, Technische Universität Dresden, 1996.
- [546] Allan Mazur and Elma Boyko, *Large-Scale Ocean Research Projects: What Makes Them Succeed or Fail?*, *Social Studies of Science* **11** (1981), 425–449.
- [547] Paul R. McAllister and Deborah Ann Wagner, *Relationship between R&D Expenditures and Publication Output for US Colleges*, *Research in Higher Education* **15** (1981), no. 1, 3–30.

- [548] McArthur and Lewis, *Untangling the Web: Applications of the Internet and Other Information Technologies in Higher Learning*, RAND, 1998.
- [549] Robert A. McCaughey, *Stand, Columbia: A History of Columbia University in the City of New York, 1754–2004*, Columbia University Press, 2003.
- [550] Ian McNay, *Changing Cultures in UK Higher Education*, ch. 2, pp. 34–58, vol. 53 of Braun and Merrien [114], 1999.
- [551] Douglas H. McQueen, *International Comparison of Technically Oriented Universities*, Office of Planning & Development, ETH Zürich, unpublished Report, Fall 1992.
- [552] Donella H. Meadows, *Thinking in Systems*, Chelsea Green Publishing, 2008.
- [553] Donella H. Meadows and Associates, *The Limits to Growth*, Universe Books, 1972.
- [554] Donella H. Meadows, Dennis L. Meadows, and Jørgen Randers, *Beyond the Limits: Confronting Global Collapse, Envisioning a Sustainable Future*, Chelsea Green Publishing, 1992.
- [555] Jean Medawar and David Pike, *Hitler's Gift: Scientists Who Fled Nazi Germany*, Richard Cohen Books and European Jewish Publication Society, 2000.
- [556] Robert K. Merton, *The Sociology of Science: Theoretical and Empirical Investigations*, The University of Chicago Press, 1973.
- [557] ———, *On Social Structure and Science*, The University of Chicago Press, 1996.
- [558] Robert K. Merton and Elinor Barber, *The Travels and Adventures of Serendipity*, Princeton University Press, 2004.
- [559] Charles Meyer, *Der Lehrstuhl hat als Lehrstuhl ausgedient*, Die Weltwoche (18. Januar 2001).
- [560] J. Meyer, *Second Degree Stochastic Dominance with Respect to a Function*, International Economic Review **18** (1977), 477–487.
- [561] Michael F. Middaugh, *Understanding Faculty Productivity: Standards and Benchmarks for for Colleges and Universities*, Jossey-Bass Publishers, 2001.
- [562] J. Mihm, C. Loch, and A. Huchzermeier, *Problem-Solving Oscillations in Complex Engineering Projects*, Management Science **49** (2003), no. 6, 733–750.
- [563] D.W. Miller and M.K. Starr, *Executive Decisions and Operations Research*, Prentice Hall, 1960.
- [564] R. Miller and D. Lessard, *Understanding and Managing Risks in Large Engineering Projects*, International Journal of Project Management **19** (2001), no. 8, 437–443.

- [565] Ministry of Education, *A Future Tertiary Education Policy for New Zealand: Green Paper*, Tertiary Education Review, Government of New Zealand (1997).
- [566] Henry Mintzberg, *Structures in Fives: Designing Effective Organizations*, Prentice Hall, Englewood Cliffs, N.J. Englewood Cliffs, N.J. Prentice Hall, Englewood Cliffs, N.J., 1983.
- [567] ———, *Crafting Strategy*, Harvard Business Review (1987), 98–104.
- [568] Jürgen Mittelstraß, *Die unzeitgemäße Universität*, Suhrkamp Verlag, 1994.
- [569] José-Ginés Mora, *Governance and Management in the New University*, Tertiary Education and Management 7 (2001), no. 2, 95–110.
- [570] Daryl Morey, Mark Maybury, and Bhavani Thuraisingham (eds.), *Knowledge Management: Classic and Contemporary Works*, MIT Press, 2000.
- [571] Philip M. Morse, *The Beginnings of Operations Research in the United States*, Operations Research 34 (1986), no. 1, 10–17.
- [572] Ed Moscovitch, Richard DeKaser, and Paula Fitzgibbon, *MIT: The Impact of Innovation*, BankBoston, March 1997.
- [573] Milton Moss (ed.), *The Measurement of Economic and Social Performance*, Studies in Income and Wealth, vol. 38, National Bureau of Economic Research and Columbia University Press, 1973.
- [574] Matteo Motterlini (ed.), *For and Against Method: Including Lakatos's Lectures on Scientific Method and the Lakatos-Feyerabend Correspondence*, The University of Chicago Press, 1999.
- [575] Jan Mühlethaler, *Berufliche Doppelaufgabe auf dem Prüfstand: Ein Interview mit Bruno Staffelbach*, Neue Zürcher Zeitung (2004), no. 64, 67.
- [576] Detlef Müller-Böling, *Die entfesselte Hochschule*, Verlag Bertelsmann Stiftung, 2000.
- [577] L.J. Mullins, *Management and Organizational Behaviour*, Financial Times Management, London, 1999.
- [578] Ina M.V. Mullis, Michael O. Martin, Eugenio J. Gonzales, Kathleen M. O'Connor, Steven J. Chrostowsky, Kelvin D. Gregory, Robert A. Garden, and Teresa A. Smith, *Mathematics Benchmarking Report TIMSS 1999 — Eighth Grade: Achievement for U.S. States and Districts in an International Context*, The International Study Center, Lynch School of Education; and The International Association for the Evaluation of Educational Achievement, April 2001.
- [579] Richard Münch, *Die akademische Elite: Zur sozialen Konstruktion wissenschaftlicher Exzellenz*, Edition Suhrkamp, 2007.

- [580] Dieter Münk, *Die Organisation des Raumes im Nationalsozialismus: Eine soziologische Untersuchung ideologisch fundierter Leitbilder in Architektur, Städtebau und Raumplanung des Dritten Reiches*, Hochschulschriften, vol. 284, Pahl-Rugenstein, 1993.
- [581] Kevin M. Murphy, Andrei Shleifer, and Robert W. Vishny, *The Allocation of Talent: Implications for Growth*, *Quarterly Journal of Economics* **102** (1991), no. 2, 503–530.
- [582] L. Murphy, *Lotka's Law in the Humanities*, *Journal of the American Society for Information Science* **24** (1973), 461–462.
- [583] C. Musselin, *The Transformation of Academic Work: Acts and Analysis*, Center for Studies in Higher Education, No. 4, University of California, Berkeley. Center for Studies in Higher Education, No. 4, University of California, Berkeley, 2007.
- [584] National Academy of Engineering, *Forces Shaping the U.S. Academic Engineering Research Enterprise*, National Academy Press, 1995.
- [585] National Research Council, *Research-Doctorate Programs in the United States: Continuity and Change*, National Academy Press, 1995.
- [586] ———, *The Digital Dilemma: Intellectual Property in the Information Age*, National Academy Press, 2000.
- [587] National Science Foundation, *Human Resources for Science & Technology: The European Region*, NSF 96-316, Special Report, Arlington, Va., 1996.
- [588] National Science Foundation, Division of Science Resources Statistics, *Academic Research and Development Expenditures: Fiscal Year 2000*, NSF 02-308, Project Officer: M. Marge Machen (Arlington, Va.), January, 2002.
- [589] National Science Foundation, Division of Science Resources Studies, *Graduate Education Reform in Europe, Asia and Americas — and International Mobility of Scientists and Engineers: Proceedings of an NSF Workshop*, NSF 00-318, Project Officer: Jean M. Johnson (Arlington, Va.), April, 2000.
- [590] Peter Navarro, *Economics in the Cyberclassroom*, *The Journal of Economic Perspectives* **14** (2000), no. 2, 119–132.
- [591] Guy Neave, *On Looking through the Wrong End of the Telescope: Being sundry observations of the State of Academic in the 21st century from an historical perspective*, in de Boer and others [4], pp. 55–79.
- [592] D. Nelkin, *Science Controversies: The Dynamics of Public Disputes in the United States*, in Jasanoff et al. [417], pp. 444—456.
- [593] R.R. Nelson (ed.), *The limits of Market Organization*, Russel Sage, 2005.

- [594] Otto Neurath, Rudolf Carnap, and Charles Morris (eds.), *Foundations of the Unity of Science: Towards an International Encyclopedia of Unified Science*, vol. 2, University of Chicago Press, 1970.
- [595] Otto Neurath, Rudolf Carnap, and Charles Morris (eds.), *Foundations of the Unity of Science: Towards an International Encyclopedia of Unified Science*, vol. 1, University of Chicago Press, 1971 (1955).
- [596] A. Newell, *Heuristic Programming: Ill-Structured Problems*, pp. 360–414, vol. III of Aronowsky [33], 1969.
- [597] Bernhard Nievergelt and Stefania Izzo, *Universitätsstrukturen und Reformdiskussionen: Deutschland, England, Holland und Schweden*, Centre d'études de la science et de la technologie (CEST), CEST 2001/13.
- [598] Roger G. Noll (ed.), *Challenges to Research Universities*, Brookings Institution Press, 1998.
- [599] Helga Nowotny and Ulrike Felt, *After the Breakthrough: The Emergence of Superconductivity as a Research Field*, Cambridge University Press, 2002.
- [600] Helga Nowotny, Peter Scott, and Michael Gibbons, *Rethinking Science: Knowledge and the Public in an Age of Uncertainty*, Polity Press, 2001.
- [601] Per Nyborg, *Opening Session: A Norwegian Contribution*, Higher Education in the Digital Age, UC Berkeley, March 9–10 2000.
- [602] NZZ (stü), *Universität ringt mit Studierendenzahlen: Regierung und Rektorat uneinig über Stellenausbau*, Neue Zürcher Zeitung (2001), no. 188, 35.
- [603] OECD, *Reviews of National Policies for Education: Japan*, OECD Publications, 1971.
- [604] ———, *Education at a Glance: OECD Indicators 1998*, Centre for Educational Research and Innovation, OECD Publications, 1998.
- [605] ———, *Redefining Tertiary Education*, 1998.
- [606] ———, *A New Economy? The Changing Role of Innovation and Information Technology in Growth*, OECD Publications, 2000.
- [607] ———, *Education at a Glance: OECD Database 2000*, Centre for Educational Research and Innovation, OECD Publications, 2001.
- [608] ———, *Knowledge and Skills for Life: First Results from PISA 2000*, Programme for International Student Assessment, OECD Publications, 2001.
- [609] ———, *Education at a Glance: OECD Indicators 2002*, Centre for Educational Research and Innovation, OECD Publications, 2002.
- [610] ———, *Education at a Glance: OECD Indicators 2003*, Centre for Educational Research and Innovation, OECD Publications, 2003.



- [611] ———, *Education at a Glance: OECD Indicators 2004*, Centre for Educational Research and Innovation, OECD Publications, 2004.
- [612] Office of Institutional Research and Planning, *Georgia Tech Fact Book*, Georgia Institute of Technology, 2000.
- [613] Mancur Olson, *Evaluating Performance in the Public Sector*, pp. 355–384, vol. 38 of *Moss* [573], 1973.
- [614] Harold Orlans, *Educational and Scientific Institutions*, pp. 823–831, vol. 96 of *Bell* [1], summer 1967.
- [615] Melvin D. Orwig and J. Kent Caruthers, *Selecting Budget Strategies and Priorities*, pp. 341–363, in [418], 1981.
- [616] David Osborne and Ted Gaebler, *Reinventing Government: How the Entrepreneurial Spirit is Transforming the Public Sector*, Plume–Penguin, 1993.
- [617] Konrad Osterwalder, *Convention of European Higher Education Institutions: Conclusions of the work thematic groups*, Salamca, March 29–30 2001.
- [618] M. Osterweis, C.J. McLaughlin, H.R. Manasse Jr., and C.C. Hopper (eds.), *The US Health Workforce: Power, Politics, and Policy*, Association of Academic Health Centers, Washington, D.C., 1996.
- [619] Beilock Richard P., Leo C. Polopolus, and Mario Correal, *Ranking of Agricultural Economics Departments by Citations*, *American Journal of Agricultural Economics* **68** (1986), no. 3, 595–604.
- [620] I. Palacios-Huerta and O. Volij, *The Measurement of Intellectual Influence*, *Econometrica* **72** (2004), 963–977.
- [621] Sylvia Paetschek, *Verbreitete sich ein 'Humboldt'sches Modell' an den deutschen Universitäten im 19. Jahrhundert?*, pp. 75–104, vol. 3 of *Schwinges* [713], 2001.
- [622] James P. Pappas (ed.), *The University's Role in Economic Development: From Research to Outreach*, *New Directions for Higher Education*, vol. 97, Jossey-Bass Publishers, Spring 1997.
- [623] George S. Park and Robert J. Lempert, *The Class of 2014: Preserving Access to California Higher Education*, Tech. Report MR-971-EDU, RAND Education, 1998.
- [624] Talcott Parsons and Gerald M. Platt, *The American University*, Harvard University Press, 1973.
- [625] Friedrich Paulsen, *Das deutsche Bildungswesen in seiner geschichtlichen Entwicklung*, B.G. Teubner, 1920 (1906).
- [626] Keith Pavitt, *From Competence to Rigidity*, pp. 10–13, in *Lindner* [513], 2003.

- [627] Laurie W. Payne, *North American Coal: Learning How to Learn From Others*, Continuous Journey (1995), [www.apqc.org/free/\--articles/dispArticle.cfm?ProductID=648](http://www.apqc.org/free/\--articles/dispArticle.cfm?ProductID=648).
- [628] Steven Payson, *R&D as a Percentage of GDP Continues Upward Climb*, Data Brief, National Science Foundation (SNF 99-357), October 4, 1999.
- [629] David W. Pearce (ed.), *The MIT Dictionary of Modern Economics*, MIT Press, 1989.
- [630] Hans Pechar and Angela Wroblewski, *Weniger Scheinmatrikulationen, gleichbleibende Studienaktivität: Über die Auswirkungen der Studiengebühren auf die Zahl der Studentinnen und Studenten an österreichischen Universitäten*, Beiträge zur Hochschulforschung (2001), no. 2, 219–241.
- [631] Donald C. Pelz and Frank M. Andrews, *Scientists in Organizations: Productive Climates for Research and Development*, Institute for Social Research, University of Michigan, 1976.
- [632] Olle Persson, *Decline of Swedish Science?*, Bibliometric Notes 4 (2000), no. 3, [www.umu.se/inforsk/BibliometricNotes/BN3--2000/BN3--2000.html](http://www.umu.se/inforsk/BibliometricNotes/BN3--2000/BN3--2000.html).
- [633] Dominique Pestre, *Thirty Years of Science Studies. Knowledge, Society and the Political*, History and Technology 20 (2004), no. 4, 351–369.
- [634] Thomas J. Peters and Robert H. Waterman, *In Search of Excellence: Lessons from America's Best Run Companies*, Warner Books, 1988 (1982).
- [635] Marvin Peterson, *Qualitative and Quantitative Approaches to Academic Culture*, pp. 344–388, vol. IX of Smart [735], 1993.
- [636] Marvin Peterson, David D. Dill, Lisa A. Mets, and Associates, *Planning and Management for a Changing Environment*, Jossey-Bass Publishers, 1997.
- [637] Vicky Phillips and Cindy Yager, *The Best Distance Learning Graduate Schools: Earning your Degree Without Leaving your Home*, Random House, 1998.
- [638] J. Piaget and R. Garcia, *Psychogenesis and the History of Science*, Columbia University Press, 1989.
- [639] Jean Piaget, *The Child's Construction of Reality*, Routledge and Kegan Paul, 1955.
- [640] C. D. Pietrantonj, M. G. Debalini, A. Rivetti, and V. Demicheli, *Relation of study quality, concordance, take home message, funding, and impact in studies of influenza vaccines: systemic review*, British Medical Journal 338 (2009), 354–359.
- [641] M. Polanyi, *Personal Knowledge: Towards a Post-Critical Philosophy*, Harper Torchbooks, 1964.

- [642] M. Polanyi and H. Prosch, *Meaning*, The Chicago University Press, 1975.
- [643] Christopher Pollitt and Geert Bouckaert, *Public Management Reform: A Comparative Analysis*, Oxford University Press, 2000.
- [644] Karl R. Popper, *Conjectures and Refutations: The Growth of Scientific Knowledge*, Basic Books, 1962.
- [645] ———, *The Logic of Scientific Discovery*, Harper Torchbooks, 1965 (1959).
- [646] Theodore Porter, *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life*, Princeton University Press, 1995.
- [647] Sandra Pravica, *Materialität in der Naturwissenschaftsforschung: Eine bibliographische Übersicht*, Preprint des Max-Planck-Institutes für Wissenschaftsgeschichte, Berlin, Nr. 323, 2007.
- [648] Hilary Putnam, *Philosophers and Human Understanding*, Realism and Reason (1985), 184–204.
- [649] E.S. Quade and W.I. Boucher, *Systems Analysis and Policy Planning*, R-439-PR, Rand Corporation, 1968.
- [650] M.M. Quarashi and Joel E. Cohen, *Publication Rate as a Function of the Laboratory/Group Size*, *Scientometrics* 6 (1984), no. 1, 19–26.
- [651] J.P. Quirk and R. Saposnick, *Adminissibility and Measurable Utility Functions*, *Review of Economic Studies* 29 (1962), 140–146.
- [652] T. Radhakrishnan and R. Kerzian, *Lotka's Law and Computer Science Literature*, *Journal of the American Society for Information Science* 30 (1979), no. 51–54.
- [653] R. Radner and L.S. Miller, *Demand and Supply in US Higher Education: A Progress Report*, *The American Economic Review* 60 (1970), no. 2, 326–334.
- [654] Roy Radner, *Faculty-Student Ratios in US Higher Education*.
- [655] Alan I. Rapoport, *How Has the Field Mix of Academic R&D Changed?*, Issue Brief, National Science Foundation (NSF 99-309), December 2, 1998.
- [656] ———, *How Has the Field Mix of Federal Research Funding Changed Over the Past Three Decades?*, Issue Brief, National Science Foundation (NSF 99-308), February 17, 1999.
- [657] Anatol Rapoport, *Operational Philosophy: Integrating Knowledge and Action*, John Wiley & Sons, 1965.
- [658] Anatol Rapoport and Albert M. Chammah, *Prisoner's Dilemma*, The University of Michigan Press, 1965.

- [659] Anatol Rapoport and Melvin Guyer, *A Taxonomy of  $2 \times 2$  Games*, Peace Research Society (International) VI (1966), 1–26.
- [660] James L. Ratcliff, *A Rationale for a Differentiated System of Higher Education: The Person-Environment Fit Model of Student Learning*, Tertiary Education and Management 2 (1996), no. 2, 127–137.
- [661] CNR Report, *Consiglio nazionale delle ricerche*.
- [662] Frank H.T. Rhodes, *The Creation of the Future: The Role of the American University*, Cornell University Press, 2001.
- [663] ———, *Governance of US Universities and Colleges*, ch. 15, pp. 213–226, in Weber and Duderstadt [837], 2004.
- [664] Wolfram F. Richter, *Hochschulforschung im Vergleich: Strukturprobleme und ein Vorschlag zu deren Lösung*, Forschung & Lehre (2003), no. 12.
- [665] Jeremy Rifkin, *The End of Work: The Decline of the Global Labor Force and the Dawn of the Post-Market Era*, G.P. Putnam's Sons, 1995.
- [666] Fritz K. Ringer, *The Decline of the German Mandarins: The German Academic Community, 1890-1933*, Wesleyan University Press, 1990/1969.
- [667] Bill Rivers, *Never Mind Tocqueville, Let's List Slurs*, The National Association of Scholars, Princeton, NJ, February 26, 2009.
- [668] Alice M. Rivlin, *Measuring Performance in Education*, pp. 411–437, vol. 38 of Moss [573], 1973.
- [669] M. Robelet, *Les figures de la qualité des soins: rationalisation et normalisation dans une économie de la qualité*, Thèse de doctorat de sociologie, Université Aix-Marseille II, 2002.
- [670] Kevin Robins and Frank Webster (eds.), *The Virtual University? — Knowledge, Markets, and Management*, Oxford University Press, 2003.
- [671] Ronald H. Robnett, C. Richard Soderberg, Julius A. Stratton, John R. Loofbourow, and Warren K. Lewis, *Report of The Committee on Educational Survey to the Faculty of The Massachusetts Institute of Technology*, The Technology Press of the Massachusetts Institute of Technology, December 1949.
- [672] Henry Rosovsky and Matthew Hartley, *Evaluation and the Academy: Are We Doing the Right Thing? Grade Inflation and Letters of Recommendation*, American Academy of Arts & Sciences, 2002.
- [673] Mechthild Rössler, *Wissenschaft und Lebensraum, Geographische Ostforschung im Nationalsozialismus: Ein Beitrag zur Disziplinengeschichte der Geographie*, Dietrich Reimer Verlag, 1990.

- [674] D.J. Rothman, *Strangers at the Bedside: A History of How Law and Bioethics Transformed Medical Decision Making*, Basic Books, 1991.
- [675] Neil L. Rudenstine, *Landscape Architecture at Harvard*, pp. 162–165, in [676], 2000.
- [676] ———, *Pointing our Thoughts: Reflections on Harvard and Higher Education, 1991–2001*, Harvard University, 2001.
- [677] M.J.S. Rudwick, *The Great Devonian Controversy: the Shaping of Scientific Knowledge among Gentlemanly Specialists*, The University of Chicago Press, 1985.
- [678] Walter Rüegg (ed.), *Geschichte der Universität in Europa: Von der Reformation bis zur französischen Revolution, 1500-1800*, Verlag C.H. Beck, 1996.
- [679] Walter Rüegg, *Die Sprengung des Elfenbeinturms*, in Schwinges [715], pp. 469–485.
- [680] Bertrand Russell, *The encyclopdia britannica*, ch. Theory of Knowledge, Encyclopdia Britannica, Inc., 1926.
- [681] Peter Rusterholz and Anna Liechti (eds.), *Universität am Scheideweg: Herausforderungen, Probleme, Strategien*, Akademische Kommission der Universität Bern, Verlag der Fachvereine (vdf), 1998.
- [682] Annalee Saxenian, *Regional Advantage: Culture and Competition in Silicon Valley and Route 128*, Harvard University Press, 1994.
- [683] Marc Schalenberg, *Humboldt auf Reisen? Die Rezeption des 'deutschen Universitätsmodells' in den französischen und britischen Reformdiskursen (1810-1870)*, Schwabe & Co, 2002.
- [684] Kuno Schedler, *Legitimization as Granted by the Client? Reflections on the Compatibility of New Public Management and (half-direct) Democracy*, pp. 145–168, in Jones et al. [427], 1997.
- [685] ———, *Performance Measurement Challenges in Switzerland: Leses from Implemetnation*, International Public Management Review **1** (2000), no. 1, 62–83.
- [686] Kuno Schedler and Christoph Reichard (eds.), *Die Ausbildung zum Public Manager*, Verlag Paul Haupt, 1998.
- [687] Jacob P. Scheele, Peter A.M. Maassen, and Don F. Westerheijden (eds.), *To be Continued ... Follow-up of Quality Assurance in Higher Education*, Management and Policy in Higher Education, vol. 28, Elsevier/De Tijdstroom, Inspectorate of Higher Eucation (Zwolle) & Center for Higher Education Policy Studies (CHEPS, Enschede), 1998.

- [688] Max Scheler, *Die Wissensformen und die Gesellschaft*, Gesammelte Werke, vol. 8, Francke Verlag, 1980 (1925).
- [689] Thomas Schelling, *Micromotives and Macrobehavior*, W. W. Norton, 1978.
- [690] Helmut Schelsky, *Einsamkeit und Freiheit: Idee und Gestalt der deutschen Universität und ihrer Reformen*, Rowohlt, 1963.
- [691] Allen Schick, *The Spirit of Reform: Managing in the New Zealand State Sector in a Time of Change*, New Zealand State Services Commission, 1996.
- [692] Johann Schloemann, *Die Kommunikatoren. Ihr Jahr ist um — was machen die Geisteswissenschaften jetzt?*, Süddeutsche Zeitung **63** (December 12, 2007), no. 286, 11.
- [693] Karl Schmid, *Die ETH als Vermittlerin allgemeiner Bildung*, Neue Zürcher Zeitung **93** (1955), no. 2791.
- [694] Stephan Schmidheiny, *Changing Course: A Global Business Perspective on Development and the Environment*, MIT Press, 1992.
- [695] Peter Schmidt, *More States Tie Spending on Colleges to Meeting Specific Goals*, The Chronicle of Higher Education (1996), A23.
- [696] ———, *U. of California Ends Affirmative-Action Ban: State law bars preferences*, The Chronicle of Higher Education (2001), A23–24.
- [697] ———, *Missouri's Financing System is Praised, but More for Longevity Than for Results*, The Chronicle of Higher Education (2002).
- [698] ———, *Most States Tie Aid to Performance, Despite Little Proof That It Works: College leaders doubt their institutions improve, but the systems are a fact of life*, The Chronicle of Higher Education (2002), A20–22.
- [699] Frank A. Schmidlein, *Assumptions Underlying Performance-Based Budgeting*, Tertiary Education and Management **5** (1999), no. 2, 159–174.
- [700] ———, *Assumptions Commonly Underlying Government Quality Assessment Practices*, Tertiary Education and Management **10** (2004), no. 1, 1–23.
- [701] Gerhard Schmitt, *Architecture et Machina: Computer Aided Architectural Design und Virtuelle Architektur*, Vieweg & Sohn, 1993.
- [702] ———, *Information Architecture: Basis and Future of CAAD*, Birkhäuser, 1999.
- [703] Klaus Schnitzer and Foad Kazenzadeh, *Formelgebundene Finanzzuweisung des Staates an die Hochschulen: Erfahrungen aus dem europäischen Ausland*, Kurzinformationen HIS, 1995.
- [704] Jana Scholze, *Medium Ausstellung: Lektüren musealer Gestaltungen in Oxford, Leipzig, Amsterdam und Berlin*, Transcript, 2004.

- [705] H.G. Schuetze, *Research Universities and the Spectre of Academic Capitalism*, *Minerva XLV* (2007), no. 4, 435–443.
- [706] Charles L. Schultze, Edward K. Hamilton, and Allen Schick, *Setting National Priorities: The 1971 Budget*, The Brookings Institution, 1970.
- [707] Schweizerischer Wissenschafts- und Technologierat, *Ein Neun-Punkte-Programm zur Förderung von Wissenschaft und Technologie in der Schweiz*, vol. 2, SWTR, 2002.
- [708] Schweizerischer Wissenschaftsrat, *La recherche suisse en science humaines: qualités, contraintes et perspectives d'avenir*, vol. FOP 41/1997, Geschäftsstelle des SWR, 1997.
- [709] ———, *Evaluation der geisteswissenschaftlichen Forschung in der Schweiz. Schlussbericht: Ergebnisse und Empfehlungen des SWR*, vol. FOP 50/1998, Geschäftsstelle des SWR, 1998.
- [710] ———, *Forschungslandkarte Schweiz 1997: Bibliometrische Indikatoren der schweizerischen Forschung in den Jahren 1993–1997*, vol. F&B 3/99, Geschäftsstelle des SWR, November, 1999.
- [711] ———, *Forschungsstatus Schweiz 1998: Bibliometrische Wissenschaftsindikatoren zur schweizerischen Forschung im Internationalen Vergleich*, vol. F&B 4/99, Geschäftsstelle des SWR, Dezember, 1999.
- [712] Regina Schwendener, *Mid-level Employment: A Construction Site*, *ETH-life international* ([www.ethlife.ethz.ch/e/articles/campuslife/BefristeteMibau.html](http://www.ethlife.ethz.ch/e/articles/campuslife/BefristeteMibau.html)), May 27 2004.
- [713] Rainer Christoph Schwinges (ed.), *Humboldt International: Der Export des deutschen Universitätsmodells im 19. und 20. Jahrhundert*, Veröffentlichungen der Gesellschaft für Universitäts- und Wissenschaftsgeschichte, vol. 3, Schwabe & Co., 2001.
- [714] Rainer Christoph Schwinges (ed.), *Examen, Titel, Promotionen: Akademisches und staatliches Qualitätswesen vom 13. bis zum 21. Jahrhundert*, Veröffentlichungen der Gesellschaft für Universitäts- und Wissenschaftsgeschichte, vol. 7, Schwabe & Co, 2007.
- [715] Rainer Christoph Schwinges (ed.), *Universität im öffentlichen Raum*, Veröffentlichungen der Gesellschaft für Universitäts- und Wissenschaftsgeschichte, vol. 10, Schwabe Verlag, 2008.
- [716] Ben Segal, *A Short History of Internet Protocols at CERN*, April 1995.
- [717] Jeffrey Selingo, *US Public's Confidence in Colleges Remains High*, *The Chronicle of Higher Education L* (2004), no. 35, A1, A10–A13.
- [718] Peter M. Senge, *The Fifth Discipline: The Art and Practice of Learning Organizations*, Doubleday, 1990.

- [719] ———, *The Leader's Work: Building Learning Organizations*, ch. 1, pp. 19–51, in Morey et al. [570], 2000.
- [720] Peter M. Senge, Art Kleiner, Charlotte Roberts, Richard B. Ross, and Bryan J. Smith, *The Fifth Discipline Fieldbook: Strategies and Tools for Building a Learning Organization*, Doubleday, 1994.
- [721] Fumiko Seo and Masatoshi Sakawa, *Multiple Criteria Decision Analysis in Regional Planning: Concepts, Methods and Applications*, Theory and Decision Library, Series B: Mathematical and Statistical Methods, D. Reidel Publishing, 1988.
- [722] Michael Shattock, *Managing Successful Universities*, Open University Press, 2003.
- [723] Y.A. Shenhav, Y. Habermeld, and B.P. Cohen, *Contextual Analysis of Team Productivity in the R&D Industry*, *Scientometrics* **17** (1989), no. 5–6, 387–400.
- [724] Edward Shils (ed.), *Criteria for Scientific Development, Public Policy and National Goals*, MIT Press, 1968.
- [725] Andrei Shleifer, *State versus Private Ownership*, *Journal of Economic Perspectives* **12** (1998), no. 4, 133–150.
- [726] W. Shrum, J. Genuth, and I. Chompalov, *Structures of Scientific Collaboration*, MIT Press, 2007.
- [727] Lee S. Shulman, *The Carnegie Classification of Institutions of Higher Education: 2000 Edition*, The Carnegie Foundation for the Advancement of Teaching, 2001.
- [728] O. Robert Simha, *MIT Campus Planning 1960–2000: An Annotated Chronology*, Massachusetts Institute of Technology, 2001.
- [729] Herbert A. Simon, *Models of Man: Mathematical Essays on Rational Human Behavior in a Social Setting*, John Wiley & Sons, 1957.
- [730] ———, *Administrative Behavior: A Study of Decision-Making Processes in Administrative Organizations*, Free Press, 1957 (1945).
- [731] ———, *Reason in Human Affairs*, Stanford University Press, 1983.
- [732] S. Slaughter and L.L. Leslie, *Academic Capitalism: Politics, Policies, and the Entrepreneurial University*, The Johns Hopkins University Press, 1997.
- [733] John C. Smart (ed.), *Higher Education: Handbook of Theory and Research*, vol. I, Agathon Press, 1985.
- [734] John C. Smart (ed.), *Higher Education: Handbook of Theory and Research*, vol. VI, Agathon Press, 1990.



- [735] John C. Smart (ed.), *Higher Education: Handbook of Theory and Research*, vol. IX, Agathon Press, 1993.
- [736] Adam Smith, *An Inquiry into the Nature and Causes of the Wealth of Nations*, Penguin Books, 1986/1776.
- [737] Adam Smith, Meekm R.L., D.D. Raphael, and P.G. Stein (eds.), *Lectures on Jurisprudence*, Clarendon Press, 1978.
- [738] Thomas D. Snyder and Charlene M. Hoffman, *Digest of Education Statistics, 2002*, National Center for Education Statistics, 2003.
- [739] Thomas D. Snyder and Charlene M. Hoffmann, *Digest of Educational Statistics*, Tech. Report NCES 94–115, National Center for Education Statistics (NCES), US Department of Education, 1994.
- [740] Alan Sokal and Jean Bricmont, *Postmodern Intellectuals: Abuse of Science*, Picador, 1998.
- [741] SPD, *Unser Land gerecht erneuern: Beschluss des Parteivorstandes*, Willy-Brandt-Haus Materialien: Weimarer Leitlinien Innovation, 6. Januar 2004.
- [742] Andrew Michael Spence, *Market Signaling: Informational Transfer in Hiring and Related Screening Processes*, Harvard University Press, 1974.
- [743] Barbara Sporn, *Adaptive University Structures: An Analysis of Adaptation to Socioeconomic Environments of US and European Universities*, Higher Education Policy Series, vol. 54, Jessica Kingsley, 1999.
- [744] Barbara Sporn and Christian Aeberli, *Hochschule Schweiz: Ein Vorschlag zur Profilierung im internationalen Umfeld*, Avenir Suisse, 2004.
- [745] Peter Stadler (ed.), *Die Universität Zürich 1933-1983*, NZZ Fretz AG, 1983.
- [746] Martin K. Starr and Milan Zeleny (eds.), *Multiple Criteria Decision Making*, TIMS Studies in the Management Sciences, vol. 6, North-Holland, 1977.
- [747] State of California, *California Statistical Abstract*, [www.dof.ca.gov](http://www.dof.ca.gov), 2003.
- [748] ———, *The California Master Plan for Education*, Joint Committee to Develop a Master Plan for Education — Kindergarten through University (Draft), [www.sen.ca.gov/masterplan](http://www.sen.ca.gov/masterplan), July 2002.
- [749] Statistisches Bundesamt, *Statistisches Jahrbuch für die Bundesrepublik Deutschland 1974*, Kohlhammer, Stuttgart, 1974.
- [750] ———, *Statistisches Jahrbuch für die Bundesrepublik Deutschland 1976*, Kohlhammer, Stuttgart, 1976.
- [751] ———, *Statistisches Jahrbuch für die Bundesrepublik Deutschland 2007*, Kohlhammer, Stuttgart, 2007.

- [752] Gertrude Stein, *The Making of Americans*, Harcourt, Brace & World, 1962 (1934).
- [753] Y. Steinert, K. Mann, A. Centeno, D. Dolmans, J. Spencer, M. Gelula, and D. Prideaux, *A Systematic Review of Faculty Development Initiatives Designed to Improve Teaching Effectiveness in Medical Education: BEME Guide No. 8*, *Medical Teacher* **28** (2006), 497–526.
- [754] Tilman Stembeck, *Gegen hohe Studiengebühren kann man sich versichern*, *NZZ am Sonntag* (2004), no. February 29, 19.
- [755] Paula E. Stephan, *The Economics of Science*, *Journal of Economic Literature* **XXXIV** (September 1996), 1199–1235.
- [756] John Sterman, *Business Dynamics: Systems Thinking and Modeling for a Complex World*, Irwing McGraw-Hill, 2000.
- [757] D.T. Stern, *Measuring Medical Professionalism*, Oxford University Press, 2006.
- [758] Jean-Claude Stettler, *Werdegang der Diplomstudierenden, am Beispiel der Neueintritte ins Wintersemester 1990/91*, ETH Zürich, October 1997.
- [759] Erhard Stölting and Uwe Schimank (eds.), *Die Krise der Universitäten*, Sonderheft 20/2001 ed., Leviathan, Zeitschrift für Sozialwissenschaft, Westdeutscher Verlag, 2001.
- [760] Peter Stössel and Andreas Steiner, *Ein System für leistungsfähige Hochschulen*, *Neue Zürcher Zeitung* (22. Februar 2001), no. 44, 15.
- [761] Sandra Stutz-Delmore, *Entwicklung der Maturitätsabschlüsse im Kanton Zürich*, vol. Heft 4, Statistische Berichte des Kantons Zürich, 2000.
- [762] Subcommittee of Postsecondary Education, *Oversight Hearing on the Reauthorization of the Higher Education Act of 1965*, US Committee on Education and Labor, 1991.
- [763] C. Sullivan and Louise Arnold, *Assessment and Remediation in Programs of Teaching and Professionalism*, in Cruess et al. [217].
- [764] J. Sydow, L. Lindkvist, and R. De Fillippi, *Project-Based Organizations, Embeddedness and Repositories of Knowledge*, *Organization Studies* **25** (2004), no. 9, 1475–1490.
- [765] Harald Szeemann, *Museum der Obsessionen*, Merve, 2001 (1981).
- [766] Gaby Szölösy, *Geld für die Bildung*, *Tages-Anzeiger* (23. September 2002).
- [767] Joseph N. Tatarewicz, *Space Technology and Planetary Astronomy*, Indiana University Press, 1990.

- [768] Lewis H. Taylor, *Work of the Section on Ophthalmology*, The Journal of the American Medical Association **XLVI** (1896), no. 25, 1897–1898.
- [769] Anke te Heesen and Petra Lutz (eds.), *Dingwelten: Das Museum als Erkenntnisort*, Böhlau, 2005.
- [770] Ulrich Teichler and Henry Wasser, *German and American Universities: Mutual Influences — Past and Present*, Werkstattberichte 36, Wissenschaftliches Zentrum für Berufs- und Hochschulforschung der Gesamthochschule Kassel, 1992.
- [771] Pedro Teixeira, Ben Jongbloed, David Dill, and Alberto Amaral (eds.), *Markets in Higher Education: Rhetoric or Reality?*, Kluwer Academic Publishers, 2004.
- [772] Pedro Teixeira, Maria Joao Rosa, and Alberto Amaral, *Is there a Higher Education Market in Portugal?*, in [772], 2004.
- [773] Patrick T. Terenzini, *On the Nature of Institutional Research and the Knowledge and Skills it Requires*, Research in Higher Education **34** (1993), no. 1, 1–10.
- [774] The Editor, *Almanac Issue 2003–4*, The Chronicle of Higher Education **L** (2003), no. 1.
- [775] The Graduate School, *Record of the University of North Carolina at Chapel Hill (Session 1979–80)*, Graduate School Series Nr. 99, April 1979.
- [776] The National Summit on Competitiveness, *Investing in US Innovation*, A National Gathering of Executives Concerned about America's Future Competitiveness, December 6 2005.
- [777] The Times, *World University Rankings: Who is Number One?*, The Times Higher Education Supplement (2004), no. November 5, 1–15.
- [778] Lester Thurows, *Head to Head: The Coming Economic Battle Among Japan, Europe, and America*, Warner Books, 1993.
- [779] William G Tierney and Robert A. Rhodes, *Postmodernism and Critical Theory in Higher Education: Implications for Research and Practice*, pp. 308–343, vol. IX of Smart [735], 1993.
- [780] S. Timmermans and E.S. Kolker, *Evidence-Based Medicine and the Reconfiguration of Medical Knowledge*, Journal of Health and Social Behavior **45** (2004), 177–193.
- [781] James F. Trainer (ed.), *Inter-Institutional Data Exchange: When to Do It, What to Look for, and How to Make it Work*, New Directions for Institutional Research, vol. 89, Jossey-Bass Publishers, Spring 1996.
- [782] Sharon Traveek, *Unity, Dyads, Triads, Quads, and Complexity: Cultural Choreographies of Science*, Social Text **46/47** (1996).

- [783] S. Traweek, *Beamtimes and Lifetimes: The World of High Energy Physics*, Harvard University Press, 1988.
- [784] Gerhard Tropp, *Strukturen und Führungssysteme an US-amerikanischen Spitzenuniversitäten*, Beiträge zur Hochschulforschung (2001), no. 2, 143–156.
- [785] Martin Trow, *Reflections on the Transition from Elite to Mass Higher Education*, Dædalus **90** (1970), 1–42.
- [786] ———, *Aspects of Diversity in Higher Education*, pp. 271–290, in Gans [315], 1979.
- [787] ———, *Federalism in American Higher Education*, pp. 39–66, in Levine [502], 1993.
- [788] ———, *Trust, Markets and Accountability in Higher Education: A Comparative Perspective*, Higher Education Policy **9** (1996), no. 4, 309–324.
- [789] ———, *Reflections on Diversity in Higher Education*, ch. 3, pp. 15–36, in Herbst et al. [384], 1997.
- [790] ———, *Biology at Berkeley*, <http://ishi.lib.berkeley.edu/cshe/mtrow/>, 2001.
- [791] ———, *In Praise of Weakness: Chartering, the University of the United States, and Dartmouth College*, Higher Education Policy **16** (2003), no. 1, 9–26.
- [792] ———, *Some Consequences of the New Information and Communication Technologies for Higher Education*, ch. 14, pp. 301–317, in Robins and Webster [670], 2003.
- [793] H.W. Turnbull, J.F. Scott, A.R. Hall, and L. Tilling (eds.), *The Correspondance of Isaac Newton*, vol. I, Cambridge University Press, 1959–1977.
- [794] Roy Steven Turner, *Humboldt in North America? Reflections on the Research University and its Historians*, pp. 289–312, vol. 3 of Schwinges [713], 2001.
- [795] Nikos Tzermias, *Braucht Italiens Wirtschaft ein 'MIT'? 'Flucht der Gebirne' beunruhigt die Apeninenrepublik*, Neue Zürcher Zeitung (2004), no. 14, p. 13.
- [796] Thomas E. Uebel and Robert S. Cohen (eds.), *Otto Neurath, Economic Writings: Selections 1904-1945*, Kluwer, 2004.
- [797] Gerald Ulrich, *Psychotheraphie unter den Auspizien der Naturalisierungsförderung*, Journal für Psychologie **15** (2007), no. 3.
- [798] United States General Accounting Office, *Department of Education: Fiscal Year 1999 Performance Report and Fiscal Year 2001 Performance Plan*, GAO/HEHS-00-128R, June 2000.

- [799] ———, *Department of Transportation: Fiscal Year 1999 Performance Report and Fiscal Year 2001 Performance Plan*, GAO/RCED-00-201R, June 2000.
- [800] ———, *Environmental Protection Agency: Fiscal Year 1999 Performance Report and Fiscal Year 2001 Performance Plan*, GAO/RCED-00-203R, June 2000.
- [801] ———, *Health and Human Services: Fiscal Year 1999 Performance Report and Fiscal Year 2001 Performance Plan*, GAO/HEHS-00-127R, June 2000.
- [802] ———, *National Science Foundation: Fiscal Year 1999 Performance Report and Fiscal Year 2001 Performance Plan*, GAO/RCED-00-205R, June 2000.
- [803] ———, *Department of Education: Status of Key Outcomes and Addressing Major Management Challenges*, GAO-01-807, June 2001.
- [804] ———, *Department of Transportation: Status of Key Outcomes and Addressing Major Management Challenges*, GAO-01-834, June 2001.
- [805] ———, *Environmental Protection Agency: Status of Key Outcomes and Addressing Major Management Challenges*, GAO-01-774, June 2001.
- [806] ———, *Health and Human Services: Status of Key Outcomes and Addressing Major Management Challenges*, GAO-01-748, June 2001.
- [807] ———, *National Science Foundation: Status of Key Outcomes and Addressing Major Management Challenges*, GAO-01-785, June 2001.
- [808] United States National Commission on Excellence in Education, *A Nation at Risk: The Imperative for Educational Reform*, The Commission, 1983.
- [809] Klaus Urner, *Vom Polytechnikum zur Eidgenössischen Technischen Hochschule: Die ersten hundert Jahre 1855–1955 im Überblick*, ch. 1, pp. 17–59, in Bergier and Tobler [82], 1980.
- [810] Heinrich Ursprung, *Die Zukunft erfinden: Wissenschaft im Wettbewerb*, Verlag der Fachvereine (vdf), 1997.
- [811] J. Välimaa, *Culture and Identity in Higher Education Research*, Higher Education **36** (1999), no. 2, 119–136.
- [812] Martin van der Werf, *Lawrence Summers and His Tough Questions: In taking on sacred cows, will Harvard's new president change the university and redefine higher-education leadership?*, The Chronicle of Higher Education **XLVIII** (April 26, 2002), no. 33, A29–32.
- [813] Thed N. van Leeuwen, Henk F. Moed, Robert J.W. Tijssen, Martijn S. Visser, and Anthony F.J. van Raan, *First Evidence of Serious Language-Bias in the Use of Citation Analysis for the Evaluation of National Systems*, Research Evaluation **9** (2000), no. 2, 155–156.

- [814] ———, *Language Biases in the Science Citation Index and its Serious Consequences for National Research Evaluation on International Comparison: the Case of Germany and France*, [http://sahara.fsw.leidenuniv.nl/cwts/sci\\_d.html](http://sahara.fsw.leidenuniv.nl/cwts/sci_d.html), no date.
- [815] Anthony F.J. van Raan, *Fatal Attraction: Conceptual and Methodological Problems in the Ranking of Universities by Bibliometric Methods*, *Scientometrics* **62** (2005), no. 1, 133–143.
- [816] Frans A. van Vught (ed.), *Governmental Strategies and Innovation in Higher Education*, Jessica Kingsley, 1989.
- [817] ———, *Relevant Issues for Higher Education Policy-Research*, ch. 12, pp. 149–157, in Herbst et al. [384], 1997.
- [818] ———, *Closing the European Knowledge Gap? Challenges for the European Universities of the 21st Century*, ch. 7, pp. 89–106, in [835], 2004.
- [819] Charles M. Vest, *Disturbing the Educational Universe: Universities in the Digital Age — Dinosaurs or Prometheans? Report of the President for the Academic Year 2001-01*, <http://web.mit.edu/president/communications/rp00-01.html>, 2001.
- [820] Charles M. Vest, *Pursuing the Endless Frontier*, The MIT Press, 2005.
- [821] R. Viale and Henry Etzkowitz, *Third academic revolution: polyvalent knowledge; the DNA of the triple helix*, [www.triplehelix5.com](http://www.triplehelix5.com), 2004.
- [822] Anna Vignoles, Rosalind Levacic, James Walker, Stephen Machin, and David Reynolds, *The Relationship Between Resource Allocation and Pupil Attainment: A Review*, Centre for the Economics of Education, London School of Economics and Political Science, September 2000.
- [823] Bernhard vom Brocke, *Die Entstehung der deutschen Forschungsuniversität, ihre Blüte und Krise um 1900*, pp. 367–400, vol. 3 of Schwinges [713], 2001.
- [824] Wilhelm Von Humboldt, *Schriften zur Politik und zum Bildungswesen*, Wissenschaftliche Buchgesellschaft, 1964 (1809-1834).
- [825] von Maravic, Patrick and Christoph Reichard, *New Public Management and Corruption: International Public Management Network (IPMN), Dialogue and Analysis*, *International Public Management Review* **4** (2003), no. 1, 84–129.
- [826] John von Neumann and Oskar Morgenstern, *Theory of Games and Economic Behavior*, Princeton University Press, 2004 (1943).
- [827] A.I. Vroeijenstijn, B.L.A. Wauman, and L. Wijmans, *International Programme Review Electrical Engineering*, Association of Universities in The Netherlands (VSNU), Utrecht, 1992.

- [828] Ivan Waddington, *The Role of the Hospital in the Development of Modern Medicine: A Sociological Analysis*, *Sociology* 7 (1973), no. 2, 211–224.
- [829] Bernd Waechter, *European Universities Must Adapt in an Era of Global Competition*, *The Chronicle of Higher Education* (December 7, 2001), B24.
- [830] Judith O. Wagner, *Adult, Career, and Vocational Education: An Internet Guide*, *ERIC Digest* 196 (1998).
- [831] J.H. Warner, *The 1880s Rebellion against the AMA Code of Ethics: 'Scientific Democracy' and the Dissolution of Orthodoxy*, *The American Medical Ethics Revolution* (R. Baker and et al., eds.), Johns Hopkins University Press, 1999.
- [832] J. Washburn, *University Inc.: The Corporate Corruption of Higher Education*, Basic Books, 2005.
- [833] Catherine Watt, Carol Lancaster, James Gilbert, and Thomas Higerd, *Performance Funding and Quality Enhancement at three Research Universities in the United States*, *Tertiary Education and Management* 10 (2004), no. 1, 61–72.
- [834] Karl Weber, *Switzerland: Discussion of University Reform and its Implementation*, ch. 7, pp. 141–162, vol. 53 of Braun and Merrien [114], 1999.
- [835] Luc E. Weber, *Financing the Research University: A European Perspective*, ch. 13, pp. 179–196, in Weber and Duderstadt [837], 2004.
- [836] Luc E. Weber and James J. Duderstadt, *Challenges and Possible Strategies for Research Universities and the United States*, ch. 17, pp. 239–254, in [837], 2004.
- [837] Luc E. Weber and James J. Duderstadt (eds.), *Reinventing the Research University*, *Economica*, 2004.
- [838] Luc E. Weber and Pavel Zgaga, *Reinventing the European Higher Education and Research Sector: the Challenge for Research Universities*, ch. 3, pp. 29–49, in Weber and Duderstadt [837], 2004.
- [839] Max Weber, *Science as a Vocation*, *From Max Weber: Essays in Sociology* (H.H. Gerth and C. Wright Mills, eds.), Oxford University Press, 1958.
- [840] Max Weber, *Schriften zur Wissenschaftslehre*, Philipp Reclam jun., 1991 (1922).
- [841] Hans Weder, *Mehr Freiraum für hochstehende Wissenschaft: Der neue Hochschulartikel aus Sicht einer Universität*, *Neue Zürcher Zeitung* (2001), no. 51, 15.
- [842] Christoph Wehrli, *Studiengelder und ein Darlehenssystem: Vorschlag aus der Wirtschaft zur Hochschulfinanzierung*, *Neue Zürcher Zeitung* (2004), no. 16, p. 13.
- [843] Steven Weinberg, *Dreams of a Final Theory*, Pantheon Books, 1992.

- [844] Peter Weingart, *Die Stunde der Wahrheit?*, Velbrück, 2001.
- [845] George Weisz, *The Emergence of Modern Universities in France, 1863-1914*, Princeton University Press, 1983.
- [846] ———, *The Medical Mandarins: The French Academy of Medicine in the Nineteenth and Early Twentieth Centuries*, Oxford University Press, 1995.
- [847] ———, *Divide and Conquer: A Comparative History of Medical Specialization*, Oxford University Press, 2006.
- [848] Jon F. Wergin (ed.), *Analyzing Faculty Workload*, New Directions for Institutional Research, vol. 83, Jossey-Bass Publishers, Fall 1994.
- [849] John M. Westfall, James Mold, and Lyle Fagnan, *Practice-Based Research — “Blue Highways” on the NIH Roadmap*, The Journal of the American Medical Association **297** (2007), no. 4, 403–406.
- [850] Edward L. Whalen, *Responsibility Center Budgeting: An Approach to Decentralized Management for Institutions of Higher Education*, Indiana University Press, 1991.
- [851] C.L. Wiener, *The Elusive Quest: Accountability in Hospitals*, Aldine de Gruyter, 2000.
- [852] Aaron Wildavsky, *But Is It True?: A Citizen’s Guide to Environmental Health and Safety Issues*, Harvard University Press, 1997.
- [853] Duff Wilson, *Harvard Medical School in Ethics Quandary*, The New York Times (March 3, 2009).
- [854] James Q. Wilson, *Bureaucracy: What Government Agencies Do and Why they Do it.*, Basic Books, 1989.
- [855] M. Wilson, *DSM-III and the Transformation of American Psychiatry: A History*, American Journal of Psychiatry **150** (1993), 399–410.
- [856] Michael Winkler and Jens Brachmann (eds.), *Friedrich Schleiermacher, Texte zur Pädagogik: Kommentierte Studienausgabe, Band I*, Suhrkamp Taschenbuch Wissenschaft, 2000.
- [857] Matthias Winterhager and H. Schwechheimer, *Schweizerische Präsenz an internationalen Forschungsfronten*, CEST, xxxxx, 2003.
- [858] Matthias Winterhager and Peter Weingart, *Forschungsstatus Schweiz 1995, Publikationsaktivität und Rezeptionserfolg der schweizerischen Grundlagenforschung im internationalen Vergleich 1981-1995: Daten zu den Natur- und exakten Wissenschaften sowie den Sozial-, Wirtschafts- und Rechtswissenschaften*, Schweizerischer Wissenschaftsrat, FOP 45/1997, November 1997.



- [859] Carl Wisler (ed.), *Evaluation and Auditing: Prospects for Convergence*, New Directions for Evaluation, vol. 71, Jossey-Bass Publishers, Fall 1996.
- [860] Charles Wolf, *Markets or Governments: Choosing between Imperfect Alternatives*, MIT Press, 1993.
- [861] Peter Wood, *Diversity: The Invention of a Concept*, Encounter Books, 2003.
- [862] William B. Wood and James M. Gentile, *Teaching in a Research Context*, Science **302** (2003), no. 5650, 1510.
- [863] Alan Woodfield and Philip Gunby, *The Marketization of New Zealand Schools: Assessing Fiske and Ladd*, Journal of Economic Literature **XLI** (2003), 863–884.
- [864] Stuard Woolf, *On University Reform in Italy: Contradictions and Power Relations in Structure and Function*, Minerva **41** (2003), 347–363.
- [865] World Commission on Environment and Development, *Our Common Future*, The United Nations, <http://www.un-documents.net/wced-ocf.htm>, 1987.
- [866] Kurt Wüthrich, *Interview: Forschungsstandort Schweiz — Quo vadis?*, Leader: Die Zeitung des Technopark Zürich (2003), no. March, 4–7.
- [867] Mantz Yorke, *Performance Indicators Relating to Student Development: can they be trusted?*, Quality in Higher Education **4** (1998), no. 1, 45–62.
- [868] ———, *Benchmarking Academic Standards in the UK*, Tertiary Education and Management **5** (1999), no. 1, 81–96.
- [869] ———, *Leaving Early: Undergraduate Non-Completion in Higher Education*, Managing Colleges Effectively, Taylor & Francis, 1999.
- [870] ———, *Flickering Illumination: Press, Polity, and Performance in UK Higher Education*, Paper presented at the EAIR Forum in Porto, September 9–12, 2001.
- [871] Mark G. Yudof, *Is the Public Research University Dead?*, The Chronicle of Higher Education (January 11, 2002), B24.
- [872] S. Zabusky, *Launching Europe: An Ethnography of European Cooperation in Space Science*, Princeton University Press, 1995.
- [873] Carl A. Zehnder, *Der Weg zum Diplomstudiengang Informatik 1970–1981*, unpublished report, Department of Computer Science, ETHZ, August 22 2001.
- [874] C. Zeller, *Project Teams as Means of Restructuring Research and Development in the Pharmaceutical Industry*, Regional Studies **36** (2002), no. 3, 275–289.

- 
- [875] Robert Zemsky, *On Classifying Universities: Policy, Function and Market*, ch. 8, pp. 109–117, in Weber and Duderstadt [837], 2004.
- [876] Frank Ziegele, Manfred Erhardt, and Detlef Müller-Böling, *Modell für einen Beitrag der Studierenden zur Finanzierung der Hochschulen (Studienbeitragsmodell)*, Stifterverband für die Deutsche Wissenschaft, und Centrum für Hochschulentwicklung (CHE), 1998.
- [877] J. Ziman, *Evolutionary Models for Technological Change*, Technological Innovation as an Evolutionary Process (J. Ziman, ed.), Cambridge University Press, 2000, pp. 3–12.
- [878] Harriet Zuckerman, *Scientific Elite: Nobel Laureates in the United States*, Transaction Publishers, 1996 (1977).