

## ROGER L. GEIGER

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### EMPLOYMENT

#### *Present Position*

Distinguished Professor, Higher Education Program,  
Department of Education Policy Studies, Pennsylvania State University  
Senior Scientist, Center for the Study of Higher Education

#### *Employment History*

The Pennsylvania State University, 1987 - present  
Higher Education Program  
Professor, Professor-in-Charge (1996-2000; 2003-2007)

Yale University, Institution for Social and Policy Studies, 1974-87  
Program on Non-Profit Organizations, 1980-87  
Research Associate, Senior Research Scientist  
Higher Education Research Group, 1974-80  
Postdoc, Research Assistant, Research Associate  
Department of History, 1975-87: Joint appointment

University of Michigan, Department of History. Instructor, 1972-74

Northern Michigan University, Department of History. Instructor, 1966-68

### EDUCATION

1974-75	Postdoc, Comparative Higher Education, Yale University
1973	Postdoc, Research in F.R.G. Deutscher Akademischer Austauschdienst
1972	Ph.D., History, University of Michigan
1966	M.A., History, University of Michigan
1964	B.A., English, University of Michigan

## RECENT AND FORTHCOMING PAPERS AND PUBLICATIONS

Roger L. Geiger, "Markets and the End of the Current Era in American Higher Education," CHER 22<sup>nd</sup> Annual Conference, Porto, Portugal (10 September 2009).

Roger L. Geiger, "A Context for Compelling Arguments" in David B. Potts, ed., *Liberal Learning for a Land of Colleges* (New York: Palgrave Macmillan, 2009).

Roger L. Geiger, "Culture, Careers, Knowledge & Money: Change in American Higher Education Since 1980," Keynote Address, Deutsche Gesellschaft für Amerikastudien, Jena Germany (4 June 2009).

Roger L. Geiger, "Better Late Than Never: Intentions, Timing, and Results in Creating the SUNY Research Universities," SUNY and the Promise of Public Higher Education in New York (April 3-5, 2009). Publication in press.

Roger L. Geiger, "The Humanities and Trends in Higher Education," National Humanities Alliance Conference on Measuring the Humanities, Washington, D.C. (March 10, 2009).

Roger L. Geiger, "Optimizing Research and Teaching? The Bifurcation of Faculty Roles at Research Universities" in *Whither the Faculty* [tent. Title] Joseph Hermanowitz, ed., (Baltimore: Johns Hopkins University Press) forthcoming.

Roger L. Geiger, "State Policies for Science and Technology: the Commonwealth of Pennsylvania" in David Dill, ed., *Public Interest and the Academic Research Enterprise* (Baltimore: Johns Hopkins University Press, 2009).

Roger L. Geiger, "The Impact of Economic Relevance on University Faculty and Organization in the United States," *Peking University Education Review* (Jan. 2009).

Roger L. Geiger, "Taking the Pulse of the Humanities: Higher Education in the Humanities Indicators Project" in *Introduction to the Humanities Indicators*, Working Paper, American Academy of Arts and Sciences (2009).

Roger L. Geiger & Creso Sa, "Technology Transfer Offices and the Commercialization of University Research in the United States" in Patrick Clancy, Ed., *The Research Mission of the University: Policy Reforms and Institutional Response* (Rotterdam: Sense, 2009), 177-196.

Roger L. Geiger, "Ivy League" in David Palfreyman and Ted Tapper, eds., *Structuring Mass Higher Education: the Role of Elite Institutions*, (London: Routledge, Taylor & Francis, 2008), 281-302.

Roger L. Geiger, "Corporate-Sponsored Research at Penn State: a Report to the Office of the Vice-President for Research," Center for the Study of Higher Education, Pennsylvania State University, (March 2008).

Roger L. Geiger, "Structural Change in Faculty Roles at Research Universities," for "Wither the American Academic Profession? Its Changing Forms and Functions," University of Georgia, 24-26 April, 2008.

Roger L. Geiger, "The Publicness of Private Higher Education: Examples from the United States" in Jurgen Enders and Ben Jongbloed, eds., *Public-Private Dynamics in Higher Education: Expectations, Developments and Outcomes* (New Brunswick: Transaction Publishers, 2007), 139-56.

Roger L. Geiger, Review of *From VPI to State University: President Marshall Hahn Jr. And the Transformation of Virginia Tech, 1962-1974* by Warren H. Strother and Peter Wallenstein, *Virginia Magazine of History and Biography*, [forthcoming]

Roger L. Geiger, Review of *Powers of the Mind: the Reinvention of Liberal Learning in America* by Donald N. Levine, *The Library Quarterly*, 77, 4 (2007): 489-91.

Roger L. Geiger, Review of *Science for Sale: the Perils, Rewards, and Delusions of Campus Capitalism* by Daniel S. Greenberg, *American Scientist*, (January-February 2008).

C. M. Sá, R. L. Geiger, and P. M. Hallacher, "Universities and State Policy Formation: Rationalizing Nanotechnology Strategies in Pennsylvania," *Review of Policy Research*, 25, 1 (January 2008): 1-17.

Geiger, R. L. "Policy Laboratories or Garbage Cans? State Policies for University Science and Technology in the United States" in *Toward a cartography of higher education policy change: a Festschrift in Honour of Guy Neave*, Juergen Enders and Frans van Vught, eds., (Enschede, The Netherlands: CHEPS, 2007), 125-132.

Geiger, R. L. "Taking the Pulse of the Humanities: Higher Education in the Humanities Indicators Project," *American Academy of Arts and Sciences* (July, 2007).

Geiger, R. L. "Patterns of Industry Sponsored Research at Penn State: Implications for Economic Development," Report to the Office of the Vice President for Research, Pennsylvania State University (August 2006).

Geiger, R. L. "Expert and Elite: the Incongruous Missions of Public Research Universities" in *The Future of the American Public Research University*, 15-33.

Geiger, R. L. "Real Crisis or Unpleasant Realities?" Symposium of the Crisis of the University, *Society*, (May/June, 2006): 35-40.

Geiger, R. L. Review of *Mind and Hand: the Birth of MIT* for *Physics Today*, (May, 2006): 58-59.

Geiger, R. L. Review of *Making Silicon Valley: Innovation and the Growth of High Tech, 1930-1970* for *Minerva*, (2008): 46:127-132.

Geiger, R. L. "Why We Write," *Higher Education in Review*, 3 (2006): 70-73.

Geiger, R. L. "The Quest for 'Economic Relevance' by U.S. Research Universities," *Higher Education Policy*, 19 (2006): 411-31.

\_\_\_\_\_. “Doctoral Education in the United States, Past and Present, and the Key Role of Chemistry,” *Higher Education Forum*, 3 (2006): 77-87.

\_\_\_\_\_. “Colleges” in *American History through Literature, 1820-1870*, New York: Scribner’s, 2006.

Geiger, R. L. “Demography and Curriculum: the Humanities in American Higher Education, 1945-1985,” for David A. Hollinger, Ed., *The Humanities and the Dynamics of Inclusion Since World War II*. Baltimore: Johns Hopkins University Press, 2006. 50-72.

Geiger, R.L. “The Ten Generations of American Higher Education” in R. O. Berdahl, P. G. Altbach, and P. J. Gumpert, eds. *Higher Education in the Twenty-First Century*. 2<sup>nd</sup> Edition. Baltimore: Johns Hopkins University Press, 2005. 38-70. Revised forthcoming 2010. Chinese translation: *Peking University Education Review* 4, 2 (2006): 126-45.

Geiger, R. L. and Hallacher, P., “Nanotechnology and the States: Public Policy, University Research, and Economic Development in Pennsylvania,” Report to the National Science Foundation: NIRT:0403783 (July, 2005). <http://www.ed.psu.edu/cshe/nano/index.htm>.

## EDITORSHIPS

Series Editors: Roger L. Geiger & Katherine Chaddock, *Higher Education and Society*, Palgrave Macmillan

Editor: *Perspectives on the History of Higher Education* (formerly, *The History of Higher Education Annual*), (1993 - ).

Senior Associate Editor: *The American Journal of Education*, (2003 - ).

## PUBLICATIONS

### **Books**

Geiger, R. L. and Sá, Creso M.. *Tapping the Riches of Science: Universities and the Promise of Economic Growth* (Cambridge: Harvard University Press, 2008).

Geiger, R. L., Colbeck, C., Williams, R. L., and Anderson, C. eds. *The Future of the American Public Research University*. Rotterdam: Sense Publishers, 2007.

Geiger, R. L. (2004) *Knowledge and Money: American Research Universities and the Paradox of the Marketplace*. Stanford University Press.

----- (2004) *Research and Relevant Knowledge: American Research Universities Since World War II*. New Edition, Transaction Publishers. First Edition, Oxford University Press (1993).

- (2004). *To Advance Knowledge: The Growth of American Research Universities, 1900-1940*. New Edition, Transaction Publishers. First Edition, Oxford University Press (1986).
- (1988). *Privatization of Higher Education: International Trends and Issues*. Princeton, NJ: International Council for Educational Development Conference Report.
- (1986). *Private Sectors in Higher Education: Structure, Function and Change in Eight Countries*. Ann Arbor: University of Michigan Press.

### ***Edited Works***

- (2000). *The American College in the 19<sup>th</sup> Century*. Nashville: Vanderbilt University Press. Editor, author of “Introduction” and 5 contributions.
- Editor, *Perspectives on the History of Higher Education, [formerly, History of Higher Education Annual]* (1993- ).
- Volume 13, 1993: The Modern University: Studies in Adaptation  
 Volume 14, 1994: Perspectives on the 19<sup>th</sup> Century  
 Volume 15, 1995: (untitled); Volume 16, 1996: (untitled); Volume 17, 1997: (untitled)  
 Volume 18, 1998: The Morrill Land-Grant Act: Context and Consequences  
 Volume 19, 1999: Southern Higher Education in the 20<sup>th</sup> Century  
 Volume 20, 2000: (untitled). Volume 21, 2001: (Untitled). Volume 22, 2002: (Untitled).  
 Volume 23, 2003-2004; Volume 24, 2005; Volume 26, 2006.
- Geiger, R. L. (Section Editor). (1992). The Institutional Fabric of Higher Education” [31 contributions, approximately 200,000 words]. In B. R. Clark & G. Neave (General Editors), *The Encyclopedia of Higher Education*. Oxford: Pergamon Press
- Geiger, R. L. & Whiston, T. G. (Eds.). (1991). *Universities and Research: Britain and the United States*. Oxford: Open University Press. Geiger responsible for U.S. contributions; Whiston for U.K.
- Geiger, R. L., Bowditch, J., & Grew, R. (Eds.). (1974). *Selected Bibliography on Modern French History, 1600 to the Present*. Ann Arbor: University Microfilms. (Geiger compiled and organized bibliographic entries.)

### ***Parts of Books***

- \_\_\_\_\_. (2004). “Market Coordination in United States Higher Education” for David Dill, B. Jongbloed, and P. Teixeira, Eds. *Markets in Higher Education—Mature Economies*. Dordrecht: The Netherlands: Kluwer. Pp. 161-84.

- (2002). The Competition for High Ability Students: Universities in a Key Marketplace in Steve Brint (Ed.) *The Future of the City of Intellect: the Changing American University* (Stanford: Stanford University Press). Pp. 82-106.
- (2002). Differentiation, Hierarchy, and Diversity: An Overview of Higher Education in the United States (pp. 19-32), and American Universities at the Beginning of the Twenty-first Century: Signposts on the Path to Privatization (pp. 33-84). In Robert McC. Adams, ed. *Trends in American and German Higher Education* (Cambridge: American Academy of Arts and Sciences).
- (2000). New Themes in the History of 19<sup>th</sup> Century College. In R. L. Geiger (Ed.), *The American College in the 19<sup>th</sup> Century*. Nashville: Vanderbilt University Press.
- (2000). The 'Superior Instruction of Women,' 1836-1890. In R. L. Geiger (Ed.), *The American College in the 19<sup>th</sup> Century*. Nashville: Vanderbilt University Press.
- (1999). The Ten Generations of American Higher Education. In P. G. Altbach, R. O. Berdahl, & P. J. Gumport (Eds.), *American Higher Education in the Twenty-First Century: Social, Political, and Economic Challenges*. Johns Hopkins University Press, pp. 38-69. Chinese translation: *Beijing University Education Review* (2003).
- (1996). Diversification in U.S. Higher Education: Historical Patterns and Current Trends. In V. Lynn Meek et. al. (Eds.), *The Mockers and the Mocked: Comparative perspectives on Differentiation, Convergence and Diversity in Higher Education*. Oxford: Pergamon, 1996, pp. 188-203.
- (1996). Introduction to the Transaction Edition. In R. Hofstadter, *Academic Freedom in the Age of the College*. New Brunswick, NJ: Transaction Publishers.
- (1996). Making the Grade: Institutional Enhancement of Research Competitiveness. In A. H. Teich (Ed.), *Competitiveness in Academic Research*. Washington, DC: American Association for the Advancement of Science, pp. 113-36.
- (1994). Historical Patterns of Change in Academic Research. In A. H. Teich, S. D. Nelson, & C. McEnaney (Eds.), *AAAS Science and Technology Policy Yearbook, 1994* (pp. 403-18). Washington, DC: AAAS.
- (1993). Research Universities in a New Era: From the 1980s to the 1990s. In A. Levine (Ed.), *Higher Learning in America, 1980-2000*, pp. 67-85 (Clark Kerr Festschrift Volume). Baltimore: Johns Hopkins University Press.
- (1993). Research, Graduate Education, and the Ecology of the American University. In S. Rothblatt & B. Wittrock (Eds.), *The European and American Universities Since 1800* (pp. 234-62). New York: Cambridge University Press.
- (1992). The Ambiguous Link: Private Industry and University Research. In W. E. Becker & D. R. Lewis (Eds.), *The Economics of American Higher Education* (pp. 265-97). Norwell, MA: Kluwer.

- (1991). American Universities and Research: A Historical Perspective. In M. Trow & T. Nybom (Eds.), *University and Society* (pp. 200-15). London: Jessica Kingsley.
- (1990). Industry and University Research: The Revolution of the 1980s. In S. L. Sauer (Ed.), *Science and Technology and the Changing World Order* (pp. 137-48). Washington, DC: American Association for the Advancement of Science.
- (1990). Introduction to the Transaction Edition. In J. B. Sears, *Philanthropy in the History of American Higher Education* (pp. VII-XV). New Brunswick: Transaction Press.
- (1990). The American University and Research. In R. Overman & J. Campbell (Eds.), *The Academic Research Enterprises Within Industrialized Nations: Comparative Perspectives* (pp. 15-35). Washington, DC: National Academy Press.
- (1989-90). Academic Research in the United States: Current Trends, Enduring Structures. In I. Lavados & M. Wilhelmy (Eds.), *Educacion Superior: Una Vision Prospectiva*. Santiago, Chile: Corporacion de Promocion Universitaria.
- (1988). Private Higher Education: Public Policy and the Competition Issue. In *Looking Forward to the Year 2000: Public Policy and Philanthropy*, 1988 Spring Research Forum, Working Papers (pp. 516-527). San Francisco, CA.
- (1987). The Australian Predicament in Comparative Perspective. In D. R. Jones & J. Anwyl (Eds.), *Privatizing Higher Education: A New Australian Issue* (pp. 103-117). Centre for the Study of Higher Education, Melbourne University.
- (1987). Patterns of Public-Private Differentiation in Higher Education: An International Comparison. In *Public and Private Sectors in Asian Higher Education Systems: Issues and Prospects* (pp. 7-20). Research Institute for Higher Education, Hiroshima University.
- (1986). Finance and Function: Voluntary Support and Diversity in American Private Higher Education. In D. Levy (Ed.), *Private Choice and Public Policy in Private Education*. New York: Oxford University Press.
- (1985). Research Universities: Their Role in Undergraduate Education. In *Contexts for Learning: The Major Sectors of American Higher Education* (pp. 49-65). Written for the Study Group on the Conditions of Excellence in American Higher Education. Washington, DC: GPO.
- (1985). The Home of Scientists: Perspectives on University Research. In A. Elzinga & B. Wittrock (Eds.), *The University Research System: The Public Policies of the Home of Scientists* (pp. 53-74). Stockholm: Almqvist & Wiksell.
- (1985). Hierarchy and Diversity in American Research Universities. In A. Elzinga & B. Wittrock (Eds.), *The University Research System: The Public Policies of the Home of Scientists* (pp. 77-100). Stockholm: Almqvist & Wiksell.

- (1983). Paul Lapie and the Introduction of Sociology in the Ecoles Normales Primaires. In P. Besnard (Ed.), *The Sociological Domain: The Durkheimians and the Founding of French Sociology* (pp. 120-131). Cambridge: Cambridge University Press.
- (1983). Private Higher Education in Sweden: The Stockholm School of Economics. In J. Lane & B. Frederiksson (Eds.), *Higher Education and Public Administration* (pp. 251-262). Stockholm: Almqvist & Wiksell International.
- (1980). Los Limites de la Educacion Superior de Masas. In E. Montes (Ed.), *Universidad Contemporanea: Antecedentes y Experiencias Internacionales*. Santiago: Corporacion de Promocion Universitaria.
- (1980). Prelude to Reform: The French Faculties of Letters in the 1860s. In D. Baker and P. Harrigan (Eds.), *The Making of Frenchmen: Current Directions in the History of Education in France*.

### ***Contributions to Reference Works***

- (2001). Academic Institutions. *The History of Science in the United States*, Marc Rothenberg, ed. (New York: Garland), 2-4.
- (2001). The American University: A Reconnaissance for an Intellectual History. *Encyclopedia of American Cultural and Intellectual History* (New York: Charles Sons.
- (2001). Articles for *Oxford Companion to United States History* (New York: Oxford University Press):  
     Education: Rise of the University  
     The Morrill Land Grant Act: 1862
- (1999). Articles for *American National Biography*, ed. John A. Garraty & Mark C. Carnes, 24 vols. (New York: Oxford University Press).  
     “David Starr Jordan”  
     “Charles Seymour”  
     (with P. Gregg) “Frank Aydelotte”
- (1997). Science and the University: Patterns from the U.S. Experience in the 20th Century. In J. Krigge & D. Pestre (Eds.), *Science in the 20th Century*. London: Harwood Press.
- (1997). Universities and Colleges Since 1900. In *Readers Guide to American History*. London: Fitzroy Dearborn.
- (1996). Academic Institutions. In *History of Science in the United States: An Encyclopedia*. New York: Garland Publishers.
- (1992). The Institutional Fabric of Higher Education. In B. R. Clark & G. Neave (General Editors), *The Encyclopedia of Higher Education* (pp. 1031-49). Oxford: Pergamon Press.

Geiger, R. L. & Nugent, M. (1992). Business Schools, Europe. In B. R. Clark & G. Neave (General Editors), *The Encyclopedia of Higher Education* (pp. 1071-76). Oxford: Pergamon Press.

Geiger, R. L. (1991). History of American Higher Education. In *Reader's Companion to American History* (pp. 329-24). Boston: Houghton Mifflin.

----- (1990). Private Higher Education. In P. Altbach (Ed.), *The International Encyclopedia of Higher Education*. New York: Garland Publishing Co.

### **Articles In-House Series**

Geiger, R. L. (2001). Politics, Markets, and University Costs: Financing Universities in the Current Era. Research and Occasional Paper Series, Center for Studies in Higher Education, University of California, Berkeley. (Dec.)

Geiger, R. L. (1998). "The Old Era in American Graduate Education," Website: <http://www.wcr.wisc.edu/nise>. For: Strengthening Graduate Education in Science and Engineering: Promising Practices and Strategies for Implementation, Sponsored by NSF & the University of Wisconsin.

----- (1998). "Sputnik and the Academic Revolution," Website: <http://ishi.lib.berkeley.edu/cshe/ndea/>. For: Federal Support for University Research 40 Years After the NDEA and the Establishment of NASA, Sponsored by the University of California--Berkeley, Center for Studies in Higher Education.

----- (1996). "Evaluating Academic Research: Issues and Practice in the United States and the United Kingdom." Center for the Study of Higher Education, Prague, Czech Republic [published in Czech].

----- (1994). "Single Donor Universities." Yale University, Institution for Social and Policy Studies Working Paper.

----- (1991). "Perspectives on the Current Status and Emerging Policy Issues for Private Research Universities." Association of Governing Boards, Working Paper No. 1., pp. 43.

----- (1991). "Realities and Anxieties: Universities and Research in 1990." In *Council of Graduate Schools, Proceedings of the Thirtieth Annual Meeting*, Washington, DC, Council of Graduate Schools, pp. 13-21.

----- (1985). "After the 'Golden Age': American Research Universities in the 1930s." University of California, Berkeley, Center for Studies in Higher Education, Occasional Paper #50.

----- (1980). "The Limits of Mass Higher Education: A Comparative Analysis of Enrollment Trends in Belgium, France, Japan, and the United States." Yale University, Institution for Social and Policy Studies Working Paper, YHERG-41.

- (1979). "Universities and the State in Belgium: Past and Present Dimension of Higher Education in a Dividends Society." Yale University, Institution for Social and Policy Studies Working Paper, YHERG-29.
- (1979). "Two Paths to Mass Higher Education: Issues and Outcomes in France and Belgium." Yale University, Institution for Social and Policy Studies Working Paper, YHERG-34.
- (1975). Reform and Restraint in Higher Education: The French Experience 1865-1914. Yale University, Institution for Social and Policy Studies Working Paper, YHERG-2.

### ***Journal Articles***

- Geiger, R. L. and Sá, C. (2005) "Beyond Technology Transfer: New State Policies to Harness University Research for Economic Development," *Minerva*, 43:1 (2005): 1-21.
- \_\_\_\_\_. "The Publicness of Private Higher Education," *Peking University Education Review*, 3:2 (2005): 23-30. [in Chinese]
- \_\_\_\_\_. "State Policies, Research, and Economic Development," *International Higher Education*, 39 (Spring, 2005): 17-18.
- Geiger, R. L. (2000). The Reformation of the Colleges in the Early Republic, 1800-1820. *History of Universities*. XVI (2): 129-182.
- Geiger, R. L. with S. R. Richardson. (1999). "Southern Higher Education in the 20<sup>th</sup> Century: Introduction." *History of Higher Education Annual* 19, 7-24.
- Geiger, R. L. (1998). The Rise and Fall of Useful Knowledge: Higher Education for Science, Agriculture & the Mechanic Arts Before and After the Morrill Land-Grant Act, 1850-1875, *History of Higher Education Annual* 18, 47-66. Reprinted in *The American College in the 19<sup>th</sup> Century*.
- (1997, Winter). What Happened After Sputnik? The Shaping of the University Research System in the United States. *Minerva* 35 (4): 349-67.
- (1997). Doctoral Education: Short-term Crisis Versus Long-term Challenge. *Review of Higher Education* 20 (3): 239-51.
- (1996, March). Effective U.S. Science Continued. Letter to *Science* 271, 1218-19.
- (1995). The Era of the Multipurpose College in American Higher Education, 1850-1890. *History of Higher Education Annual* 15, 51-92. Reprinted in *The American College in the 19<sup>th</sup> Century*.
- Geiger, R. L. & Feller, I. (1995, May/June). The Dispersion of Academic Research in the 1980s, *Journal of Higher Education* 65, 336-60.
- Geiger, R. L. (1994, October 3). Academic Research: Where Do We Go From Here? [Opinion piece.] *The Scientist*, p. 12.

- (1993). The Historical Context of American Academic Research: Postwar Dynamics, the Critical Decade of the 1980s, and the Current Predicament, *Das Amerikanische Hochschulsystem: Beitrage zu seinen Vorzugen, Problemen und Entwicklungstendenzen*. (special issue) *Zeitschrift fur Hochschuldidaktik* 17, 2-3:183-98.
- (1992). Science, Universities and National Defense, 1945-1970, *Osiris* 7, 94-116.
- (1992). The Historical Matrix of American Higher Education, *History of Higher Education Annual* 12, 7-28.
- (1990). The Dynamics of Private Higher Education in the United States: Mission, Finance and Public Policy, *Higher Education Policy* 3 (2): 9-12.
- (1990, December). Who Gets Ahead? Institutional Advancement Among Postwar Research Universities. *Educational Policy* 4 (4): 301-312.
- (1990). Organized Research Units in American Universities: Emergence, Evolution, Significance. *Journal of Higher Education* 61, 1-19.
- (1989). Foundations and Academic Social Science, 1945-1960. *Minerva*, 315-41.
- (1989). Milking the Sacred Cow: Research and the Quest for Useful Knowledge in the American University, 1920-1986. *Science, Technology and Human Values* 13, 322-48.
- (1988). Public and Private Sectors in Higher Education: A Comparison of International Patterns. *Higher Education* 17, 699-711.
- (1985). After the Emergence: Voluntary Support and the Building of American Research Universities. *History of Education Quarterly*, 369-381.
- (1985). Creating Private Alternatives in Higher Education. *European Journal of Education* 20, 385-98.
- (1984). The Conditions of University Research, 1900-1920. *History of Higher Education Annual* 4, 3-29.
- (1981). Rene Worms et l'organisation de la sociologie, *Revue française de sociologie* 22, 345-360.
- (1980). Changing Demand for Higher Education in the 1970s: Adaptations within Three National Systems. *Higher Education* 9, 255-276.
- (1980, Nov./Dec.). The College Curriculum and the Marketplace: What Place for Disciplines in the Trend Toward Vocationalism? *Change*, 17-23, 53-54.
- (1979). La sociologie dan les écoles normales primaires: Histoire d'une controverse. *Revue française de sociologie* 20, 257-272.
- (1979, Dec./Jan.). Missing Students: An Inquiry Into the Causes of Declining Participation Rates of White Males in American Education. *Change*.

- (1978). European Universities—The Unfinished Revolution. *Comparative Education Review* 22,189-211.
- (1977). Democracy and the Crowd: The Social History of an Idea in France and Italy, 1890-1914. *Societas* 7, 47-71.
- (1977). The Second-Cycle Reform and the Predicament of the French University. *Paedagogica Europaeae* 12, 9-22.
- (1975). The Institutionalization of Sociology Paradigms: Three Examples from Early French Sociology. *Journal of the History of the Behavioral Sciences* 9, 235-245.
- (1974). Democracy and the Crowd in France, 1890-1914. *Proceedings of the Western Society for French History* 1.

### **Recent Reviews and Essays**

Geiger, R. L. and Anderson, C. "Review Essay: Encyclopedias As Institutional History," *History of Higher Education Annual*, 23 (2004): 157-66.

\_\_\_\_\_. "Review Essay: The Commercialization of the University," *American Journal of Education*, 110, 4 (August, 2004): 389-99.

Review of Kathleen A. Mahoney, *Catholic Higher Education in Protestant America: the Jesuits and Harvard in the Age of the University* for *Journal of American History*, Forthcoming.

Review of Morton Keller and Phyllis Keller, *Making Harvard Modern: the Rise of America's University*, in *Journal of Modern History*.

Review of Clark Kerr, *The Gold and the Blue*, Volume 2, in *Academe*, (July-August, 2003): 67-68.

"Making the University of California": Review of Clark Kerr, *The Gold and the Blue: A Personal Memoir of the University of California, 1949-1967*. vol. 1, *Academic Triumphs*, for *Science* 296 (5 April 2002): 52.

"Markets and History: Selective Admissions and U.S. Higher Education Since 1950," Review Essay, *History of Higher Education Annual* 20 (2000).

Review of John Gascoigne, *Science, Politics, and Universities in Europe, 1600-1800* for *The Annals of the Academy of Political and Social Science*.

Review of *Industrializing Knowledge: University-Industry Linkages in Japan and the United States*, L. M. Branscomb, et al, eds. For *The Review of Economic Literature*.

Review of *Funding Science in America: Congress, Universities, and the Politics of the Academic Pork Barrel* by James D. Savage. For *Journal of Higher Education*.

Review of Robert Rosenzweig, *The Political University: Policy, Politics, and Presidential Leadership in the American Research University* for *The Annals of the American Academy of Political and Social Science* (January 1999).

Review of Hugh Davis Graham and Nancy Diamond, *The Rise of the American Research University* for *Academe* 84, 4(1998):63-65.

Review of Julie Reuben, *The Making of the Modern University* for *American Journal of Education* 104 (August 1997):493-7.

Review of Jacob Neusner and Noam Neusner, *The Price of Excellence: Universities in Conflict during the Cold War* for *History of Education Quarterly* (Spring 1997).

with Julie Ann Bubolz, "College as it was: Review Essay," *History of Higher Education Annual* 16 (1996).

Review of John W. Sommers (Ed.), *The Academy in Crisis: The Political Economy of Higher Education* for *The Journal of American History* (December 1996):1107.

Review of Joseph F. Kett, *The Pursuit of Knowledge Under Difficulty* for *American Historical Review* (April 1996):552-3.

Review of Clark Kerr, *Higher Education Cannot Escape History* for *Teachers College Record* 97, 2(1995):334-5.

with Patti Fantaske, review of Philip Altbach, Robert Berdahl, Patricia Gumpert (Eds.), *American Higher Education* for *European Journal of Higher Education*.

Review of Stuart W. Leslie, *The Cold War and American Science* for *Technology and Society*.

Review of Hugh Hawkins, *Banding Together: The Rise of National Associations in American Higher Education, 1887-1950* for *Teachers College Record*.

Review of Jonathan R. Cole, et al., *The American Research University*, for *Academe*.

(with Karen Paulson). Essay review of William McNeil, *Hutchin's University*, and Mary Ann Dzubak, *Robert M. Hutchins*, for *American Journal of Education* 101:2(February 1993), 180-89.

Review of Judith Goodstein, *Millikan's University*, for *Isis*, 84, 1(1993): 170-71.

Review of Gary Matkin, *Technology Transfer and the University*, for *Higher Education*, 24(1992): 523-24.

Review of Samuel Z. Klausner and Victor M. Lidz (Eds.), *The Nationalization of Social Science*, for *American Historical Review*, 1990.

Robert Locke, *Management and Higher Education Since 1940: The Influence of the United States and Japan on West Germany, Great Britain and France*, for *History of Education Quarterly*, 31(1991): 1, 107-109.

### *Research Reports to Sponsors*

- Geiger, R. L. (1994). "Single Donor Universities: History, Finance, and Distinctive Role in Higher Education." Report to the Board of Trustees of the Aga Khan University. Pp. 53.
- Geiger, R. L. & Feller, I. (1993). "The Dispersion of Academic Research During the 1980s." Final Report to the Andrew W. Mellon Foundation.
- (1992). "The Institutional Dynamics of Academic Research in the 1980s: A Disaggregated Analysis." Preliminary Report to the Andrew W. Mellon Foundation.
- Geiger, R. L. (1989). "Research Perspectives on Research Universities: A Report to the National Science Foundation on the Workshop Held at The Pennsylvania State University, April 14 & 15, 1989."
- (1986). "Research Universities and American Society, 1920-1970." For the American Academy of Arts and Sciences project on *Knowledge in American Society, 1920-1970*.
- (1984). "Research Universities: Their Role in Undergraduate Education" in Study Group on the Conditions of Excellence in American Higher Education, *Contexts for Learning: The Major Sectors of American Higher Education*. Washington, DC. GPO.
- (1984). "American Research Universities in the Twentieth Century, 1900-1940." Prepared for the Division of Policy Research and Analysis, National Science Foundation.

### INVITED ADDRESSES

- Geiger, R. L. (September, 2004). "The Publicness of Private Higher Education," Keynote Address, Consortium of Higher Education Researchers. Enschede, Netherlands.
- (August, 2004). "Graduate Education in Chemistry, Past and Present," American Chemical Society, Presidential Event on Graduate Education. Philadelphia, PA.
- (Feb. 2003). "Private Higher Education and Public Policy," National Conference: China's Private Education. Beijing University.
- (April, 2002). "Philanthropy and the Future of Academic Research," Philanthropy and the Research University, Emory University.
- (2000, October). "Public Research Universities in an Age of Privatization." Exploring the World of Higher Education: An Event to Celebrate the Contributions of Herman B Wells to Higher Education. Indiana University, Bloomington.
- (2000, February). "Students and Status: Universities in the Marketplace for High-Ability Students." The Future of the City of Intellect. University of California, Riverside.
- (1999, January). "Student Life and the History of American Colleges." Student Affairs Colloquium, Bucknell University, Lewisburg, PA.

- (1998, December). “The Sciences at Columbia, Columbia in American Science.” University Seminar on the History of Columbia University, Columbia University.
- (1998, October). “Sputnik and the Academic Revolution.” Presented at the conference “Federal Support for University Research 40 Years After NDEA & NASA,” University of California—Berkeley.
- (1998, September). “Universities in National Research Systems: The United States’ Pattern and Its Limits,” *Jornadas de Reflision: Retos presentes y Futuros de la Universidad*, Valencia, Spain.
- (1998, June). “The Current Era in American Graduate Education.” National Institute of Science Education Forum on Graduate Education, Washington, DC.
- (1993, October). “The College in the University: A Reconsideration.” Symposium, “Liberal Education and the Advancement of Knowledge,” to celebrate the Inauguration of Hugo F. Sonnenschein as the Eleventh President of the University of Chicago.
- (1992, March). “Industry Sponsorship of University Research: Historical Patterns and the Revolution of the 1980s.” Guest speaker at a faculty seminar at the Massachusetts Institute of Technology on “The Changing Landscape of University-Industry Relations,” Boston, MA.
- (1992, January). “The Influence of Research Universities on Faculty at Select Liberal Arts Colleges.” Invited speaker in the “Select Liberal Arts Colleges Conference” at Barnard College, New York, NY.

### SELECTED PRESENTATIONS

Roger L. Geiger, “The Impact of Economic Relevance on University Faculty and Organization in the United States,” Workshop on the Economics and Policy of Academic Research, Torino, Italy: 14-15 July, 2008.

Geiger, R. L. “Technology Transfer Offices and the Commercialization of Innovation in the United States” Consortia of Higher Education Researchers, Annual Meeting, Dublin (Sept. 2007).

Geiger, R. L. “Taking the Pulse of the Humanities: Preliminary Thoughts on Higher Education in the Humanities Indicators Project of the American Academy of Arts and Sciences,” Montreal, 10 May 2007, Annual Meeting of the American Council of Learned Societies.

Geiger, R. L. “The Quest for ‘Economic Relevance’ by U.S. Research Universities,” Invited paper, *Marketization of Higher Education – Trends Issues, Prospects*, Tokyo, 19-20 September, 2005. Forthcoming, *Higher Education Policy*.

\_\_\_\_\_. “Universities and the Transfer of Knowledge to Industry in the United States,” Conference on Governing University Research: Historical and Comparative Perspectives,” University of Glasgow. 9-11 September 2004.

- Geiger, R. L. "Universities and the Production of Knowledge for Industry." Paper presented to Scancor Conference: "Universities and the Production of Knowledge," Stanford University, (April, 2003).
- \_\_\_\_\_. "High Tuition—High Aid: A Road Paved with Good Intentions." Paper presented to ASHE Meeting, Sacramento, CA, (November, 2002).
- \_\_\_\_\_. (April, 2002). "UC and the Rise and Fall of Public Research Universities." All-UC Conference on University History, University of California, Berkeley.
- .(2000, November). "'Super Students': Universities in the Marketplace for High Ability Students," Association for the Study of Higher Education, Annual Meeting, Sacramento.
- .(2000, June). "University-Industry Research Relationships: Recent Trends and Issues in the United States," Discussion paper for Experts Meeting on Research Management, Institute for Management in Higher Education, OECD, Paris, France.
- .(1999, June). "Led by an Invisible Hand: American Universities in the Marketplace in the 1990s." Consortium of Higher Education Researchers, Annual Meeting, Oslo, Norway.
- .(1998, November). "Overcoming 'Defective Plans and Means of Instruction': The Reformation of the Colleges in the Early Republic, 1800-1820." History of Education Society Annual Meeting, Chicago, IL. [Session Organizer]
- .(1998, October). "Research Universities Today." CUNY Academy Seminar on Higher Education, CUNY Graduate Center, New York, NY.
- .(1998, July). "The Rise and Fall of Useful Knowledge." Presented at the conference "Land for Learning: The Life and Legacy of Justin S. Morrill," Strafford, VT.
- .(1996, July). "Evaluation of Academic Research: Issues and Practices," and "Modern Trends in Research Evaluation in the U.S.A. and Great Britain." Papers presented at the Program of the Third Seminar on Evaluation and Assessment, Prague, Czech Republic.
- .(1996, February). "The Real 'Crisis' in Graduate Education." Paper presented at the conference on "Science, Technology, and the Universities: Pursuing a Competitiveness R&D Agenda," University of Arizona.
- .(1996, February). "Making the Grade: Enhancing Research Competitiveness in Universities." Paper presented at the annual meeting of the American Association for the Advancement of Science, Baltimore, MD.
- .(1995, October). "The Transformation of the Colleges: American Higher Education from the 1850s to 1890." Paper presented at the Special Symposium, History of Education Society Meeting, Minneapolis, MN.
- .(1995, July). "Science and the University: Patterns from the U.S. Experience in the 20th Century." Paper presented at the European University Institute, Florence, Italy.

- (1994, August). "Graduate Education: Past Trends, Future Possibilities." A discussion paper for the National Research Council, Office of Scientific and Engineering Personnel, Advisory Committee on Graduate Education, Wood's Hole Center.
- (1994, November). "Single Donor Universities." Paper presented at the Association for the Study of Higher Education International Conference, Tucson, AZ.
- (1994, February). "Historical Patterns of Change in Academic Research." Paper presented at the annual meeting of the American Association for the Advancement of Science, San Francisco, CA.
- (1993, August). "Diversification in American Higher Education: Historical Patterns and Current Trends." Paper presented at the Special Conference on Diversity in Higher Education, University of Turku, Finland.
- Geiger, R. L. & Feller, I. (1993, February). "Changing Patterns of R&D Expenditures Among Research-Intensive Universities—Preliminary Findings." Paper presented to the National Research Council, Office of Scientific and Engineering Personnel, Washington, DC.
- Geiger, R. L. (1992, October). "The Historical Context of American Academic Research: Postwar Dynamics, the Critical Decade of the 1980s, and the Current Predicament." Paper presented to the National Academy of Education, Boston, MA.
- (1992, October). "Commentary on the United States." Presented to the conference on "The Research Foundations of Advanced/Graduate Education in Five Countries," Stockholm, Sweden.
- (1992, October). "The Dynamics of Academic Research in the U.S.: Institutional Change in the 1980s." Seminar presented to the Swedish Collegium for Advanced Studies in the Social Sciences at Uppsala, Sweden.

## **SOURCES OF RESEARCH SUPPORT**

While at Yale:       The Lilly Foundation  
                           The Ford Foundation (2)  
                           The Exxon Education Foundation (2)  
                           The Andrew W. Mellon Foundation (2)  
                           The Spencer Foundation  
                           The National Science Foundation  
                           The Earhart Foundation

While at Penn State:   The Alfred P. Sloan Foundation (2)  
                           The National Science Foundation (3)  
                           The Andrew W. Mellon Foundation (2)  
                           The Spencer Foundation (2)

## **OTHER PROFESSIONAL ACTIVITIES**

**Principal Investigator:** “NIRT: Nanotechnology and Its Publics,” National Science Foundation, (7/2004 – 6/2006). Director of projects on “State Nanotechnology Policies,” and “Commercialization of Nanotechnology Research.”

**Convener:** “Research Universities Colloquium,” Penn State, (Sept. 2003 – 2006): Monthly presentations and discussion of research topics on research universities.

**Organizer:** (with Carol Colbeck and Roger Williams), “The Future of America’s Public Research Universities,” Penn State University, (February 25-26, 2005): an academic symposium in conjunction with the sesquicentennial celebration of the university.

Board of Consultants, Association of American Medical Colleges, “The Changing Organization of Biomedical Research: An AAMC Project on Centers and Institutes” (2003- ).

Panel Member for Research Postgraduate Programs, Second Round of Teaching and Learning Quality Process Review, University Grants Committee, Hong Kong (2002-2003).

Visiting Lecturship, Universitat Klagenfurt, Vienna, Austria. May 2001.

Visiting Fellow, Center for Studies in Higher Education, University of California, Berkeley, Fall 2000.

Member, International Commission on the History of Universities. (1999 - ). The Commission is an affiliate of the International Committee of Historical Sciences and elects 2 members from each participating country.

Research Associate, Research Institute for Independent Higher Education, Association of Private Universities, Tokyo, Japan.

Member, Organizing Team, Project on Research Management, Institute for Management in Higher Education, Organization for Economic Cooperation and Development [OECD], Paris, France. (1999-2001).

Editorial Board, *History of Education Quarterly*.

Member, Editorial Advisory Board, *Vanderbilt Issues in Higher Education*, Vanderbilt University Press.

Accreditation Teams: UCLA (1998) Western Association of Colleges and Schools

George Mason University (2001) Southern Association of Colleges and Schools

North American Conference Organizer, Third Anglo-American Conference on Higher Education, Derwent College, York University, 14 September, 1989.

Distinguished Fulbright Lecturer, Chile, July 1989.

Workshop Organizer, "Research Perspectives on Research Universities," The Pennsylvania State University, 14-15 April 1989. Supported by the National Science Foundation.

### **GRADUATE COURSES TAUGHT AT PENN STATE**

History of American Higher Education  
 American Higher Education Since 1945  
 Comparative Higher Education  
 Research Universities  
 Financial Issues in Higher Education  
 Educational Policies and Politics  
 Research Seminar in the History of American Higher Education  
 American Higher Education  
 Dissertation/Proposal Writing Seminar

### **DISSERTATIONS SUPERVISED**

Anderson, Christian. (Ph.D., 2007).

Clarke-Yapi, Marcia. (Ph.D., 1999). "The Adaptation of Institutions of Higher Education to a Market Environment: An Investigation of Entrepreneurship in Schools of Business and the Humanities."

Davis, Wanda M. (D.Ed., 1993). "First Foundations: An Inquiry into the Founding of Three Selected African American Institutions of Higher Education."

- Dougan, James W. (Ph.D., 1996). "Public Choice theory and Its Implications for the level of State Appropriations for Higher Education."
- \*Finnegan, Dorothy E. (Ph.D., 1992). "Academic Career Lines: A Case Study of Faculty in Two Comprehensive Universities."  
\*Runner-up, Association for the Study of Higher Education Dissertation of the Year 1993-94.
- Gregg, Patricia L. (Ph.D., 1996). "The Impacts of Modularization on Undergraduate Teaching and Learning in the United Kingdom."
- Griffith, M. Veil. (D.Ed., 1996). "The Financial Effects of Tuition Discounting: An Analysis of Private Colleges in Pennsylvania."
- Hanrahan, Thomas M. (D.Ed.), 2004). "From National to Regional: Presidential Influence and the Contraction of the Middle Atlantic States Collegiate Athletic Conference, 1974-1992."
- Krohn, Jennifer R. (Ph.D., 1992). "Advancing Research Universities: A Study of Institutional Development, 1974-86."
- Li, Bao Ming. (Ph.D., 1991). "Collegiate Curricula in China: Stability and Changes Under a Centralized System."
- Logue, James W. (2003). "An Analysis of the Survival Ability of Private Colleges and Universities in Pennsylvania."
- Nugent, Michael A. (Ph.D., 1995). "The Transformation of the Student Career: A Cross-National Comparison of Change in the Concept of University Study in Germany, The Netherlands, and Sweden." Published, 2004.
- Prabhu, Radhika. (Ph.D., 2007).
- Ratcliff, Gary R. (Ph.D., 1996). "Ivorytowers, Watchdogs, and Boosters: A Comparative Case Study of How Metropolitan Newspapers Cover Public Research Universities."
- Richardson, Susan R. (Ph.D., 2005). "Oil Power and Universities: Political Struggle and Academic Advancement at the University of Texas and Texas A&M University, 1876-1965."
- Sá, Creso. (Ph.D. 2006). "Interdisciplinary Strategies of Research-intensive Universities."
- Salerno, Carlo S. (Ph.D. 2002). "On the Technical and Allocative Efficiency of Research-Intensive Universities."
- Snyder, Bonnie K. (D.Ed. 2002). "Back to School: University-Linked Retirement Communities and Institutional Integration."
- Tikalsky, Julie Ann Bubolz. (Ph.D. 2003). "The Role of Public Research University Trustees in Accountability."

- \*Williams, Roger L. (Ph.D., 1988). "George W. Atherton and the Beginnings of Federal Support for Higher Education." Published, 1991.
- \*Association for the Study of Higher Education Dissertation of the Year, 1989-90.