

John L. Neufeld

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Education	Ph.D. University of Michigan, 1975 (economics) M.A. University of Michigan, 1973 (economics) A.B. Yale University, 1970 (economics)	
Academic Experience	Instructor, University of North Carolina at Greensboro (1974-75) Assistant Professor, University of North Carolina at Greensboro (1975-1981) Associate Professor, University of North Carolina at Greensboro (1981-1992) Professor, University of North Carolina at Greensboro (1992-present)	
Current Research Interests	History of the U.S. electric power industry (primary). U.S. economic history (post Civil War), History of technology, utility regulation, utility rate structures, energy policy, industrial organization.	
Refereed Publications	“Multilateral and Bilateral Aid Policies and Trends in the Allocation of Electrification Aid, 1970-2001” (with William J. Hausman and Till Schreiber), <i>Utilities Policy</i> , Vol. 29, June 2014, pp. 54-62 “How Politics, Economics, and Institutions Shaped Electric Utility Regulation in the United States: 1879-2009,” (with William J. Hausman), <i>Business History</i> , Vol. 53, No. 5, 2011, 723-46. “Corruption, Quasi-Rents, and the Regulation of Electric Utilities,” <i>Journal of Economic History</i> , Vol 68, No 4, 2008, pp. 1059-1097. “To Admit or Not to Admit: The Question of Research Park Size,” (with Steve Layson and Dennis Leyden), <i>Economics of Innovation and New Technology</i> , Vol. 17, No. 7, 2008, 691-699. “Global Electrification: Multinational Enterprise and International Finance in the History of Light and Power, 1880s-1914,” (with William J. Hausman and Mira Wilkins), <i>Revue Économique</i> , Vol. 58, No. 1, 2007, 175-190. “The Market for Capital and the Origins of State Regulation of Electric Utilities in the United States,” (with William J. Hausman) <i>Journal of Economic History</i> , Vol. 62, No. 4, 2002, 1050-1073.	

“Falling Water: The Origins of Direct Federal Participation in the U.S. Electric Utility Industry, 1902-1933,” (with William J. Hausman) *Annals of Public and Co-operative Economics*, Vol. 70, No. 1, 1999.

“Public versus Private Electric Utilities in the United States: A Century of Debate over Economic Efficiency,” (with William J. Hausman) *Annals of Public and Co-operative Economics*, Vol 64, No 4, 1994, 599-622.

“A Paradox of Voting: Cyclical Majorities and the Case of Muscle Shoals”, (with William J. Hausman and Ron Rapoport), *Political Research Quarterly*, Vol 47, No. 2, June 1994, pp. 423-438.

“The Role of Copper in the ‘Battle of the Systems’,” (with William J. Hausman), *Technology and Society*, Vol 11, No. 3, Fall 1992, pp. 18-25.

“Property Rights versus Public Spirit: Ownership and Efficiency of U.S. Electric Utilities Prior to Rate-of-Return Regulation,” (with William J. Hausman), *Review of Economics and Statistics*, Vol. 73, No. 3, August 1991, pp. 414-423.

“The Estimation of Technical Efficiency in Polish Industry: 1961-1986,” (with David M. Kemme), *Economic Systems*, Vol. 15, No. 1, April 1991, pp. 43-56.

“The Structure and Profitability of the U.S. Electric Utility Industry at the Turn of the Century,” (with William J. Hausman), *Business History*, Vol. 32, No. 2, April 1990, pp. 225-43.

“Engineers and Economists: Historical Perspectives on the Pricing of Electricity,” (with William J. Hausman), *Technology and Culture*, Vol. 30, No. 1, January 1989, pp. 83-104.

“Price Discrimination and the Adoption of the Electricity Demand Charge,” *Journal of Economic History*, Vol. 47, No. 3, September 1987, pp. 693-709.

“Nominal and Real Union Wage Differentials and the Effects of Industry and SMSA Density 1973-1983,” (with Barry T. Hirsch), *Journal of Human Resources* Vol. 22, No. 1, Winter 1987, pp. 138-48.

“Innovation Versus Imitation: Investigating Alternative R&D Strategies,” (with Albert Link), *Applied Economics*, Vol. 18, December 1986, pp. 1359-63.

“The Relative Economic Efficiency of Private versus Municipal Waterworks in the 1890’s,” (With David M. Kemme and William J. Hausman), *Business and Economic History*, Vol. 15, 1986, pp 13-27.

“Time-of-Day Pricing in the U.S. Electric Power Industry at the Turn of the Century,” (with William J. Hausman), *Rand Journal of Economics*, Vol. 15, Spring 1984, pp. 116-126.

“Prospects for Utility and Production in an Economy with Finite Resources,” (with J. Wilson Mixon), *Resources Policy*, September 1981, pp. 206-12.

“Inverted Block Rates and Micro-Efficiency in the Consumption of Electricity,” (with James M. Watts), *Energy Economics*, Vol. 3, No. 2, April 1981, pp. 113-21.

“Excise Anatomized: The Political Economy of Walpole’s 1733 Tax Scheme,” (with William J. Hausman), *Journal of European Economic History*, Vol. 10, No. 1, Spring 1981, pp. 131-43.

“The Predictability of College Financial Aid Offers: Evidence from the Class of 1972,” (with Gary G. Barnes), *Economic Inquiry*, Vol. 18, No. 4, December 1980, pp. 667-91.

“Tax Rate Referenda and the Property Taxpayer’s Revolt,” *National Tax Journal*, Vol. 30, No. 4, December, 1977, pp. 441-56.

Books

Learning Business Statistics with Microsoft Excel 2003, Kendall/Hunt: Dubuque, Iowa, 2003.

Learning Business Statistics with Microsoft Excel 2002, Kendall/Hunt: Dubuque, Iowa, 2002.

Learning Business Statistics with Microsoft Excel 2000, Prentice Hall: Upper Saddle River, NJ, 2001

Learning Business Statistics with Microsoft Excel 97, Prentice Hall: Upper Saddle River, NJ, 1998

Learning Business Statistics with Microsoft Excel, Prentice Hall: Upper Saddle River, NJ, 1996.

Book Chapters

“Regulation and Restructuring of the U.S. Electric Utility Industry in the 20th Century,” (with W. J. Hausman) in Günther Schulz, Mathias Schmoeckel, and William J. Hausman, eds., *Regulation between Legal Norms and Economic Reality: Intentions, Effect, and Adaption: The German and American Experiences*, (Reihe Rechtsordnung und Wirtschaftsgeschichte), Mohr Siebeck: Tübingen, forthcoming.

“How Politics, Economics, and Institutions Shaped Electric Utility Regulation in the United States: 1879-2009,” (with W. J. Hausman) in Judith Clifton, Pierre Lanthier, and Harm Schröter, eds., *The Economic and Social Regulation of Public Utilities, An International History*, Routledge: London, 2012, pp. 65-88. (reprint of 2011 *Business History* article).

“The Invention and Spread of Electric Utilities, with a Measure of the Extent of Foreign Ownership,” (with W. J. Hausman and Mira Wilkins) in William J. Hausman, et al, eds., *Global Electrification: Multinational Enterprise and International Finance in the History of Light and Power, 1878-1978*, Cambridge University Press: New York, 2008, pp. 3-34.

“Time-of-Day Pricing at the Turn of the Century,” (with W. J. Hausman) in Ray Rees, ed., *The Economics of Public Utilities*, Vol. II, Edward Elgar: Northampton, Massachusetts, 2006, pp. 116-245.

“U.S. Foreign Direct Investment in Electric Utilities in the 1920s,” (with W. J. Hausman) in Mira Wilkins and Harm Schroter, eds., *The Free-Standing Company in the World Economy, 1830-1996*, Oxford University Press: New York, 1998 .pp. 361-90.

“A Paradox of Voting: Cyclical Majorities and the Case of Muscle Shoals” (with William J. Hausman and Ronald B. Rapoport), in Samuel H. Baker and Catherine S. Elliott, eds., *Readings in Public Finance*, Cincinnati: South Western College Publishing , 1997, pp. 181-195.

“Electric Energy is Essentially a ‘Local Commodity’: How State Regulation Shaped the Structure of the U.S. Electric Power Industry,” in Herausgegeben von Wilfried Feldenkirchen, et al, eds., *Wirtschaft Gesellschaft Unternehmen: Festschrift für Hans Pohl*, Franz Steiner Verlag: Stuttgart, 1995, pp. 939-55 (with William J. Hausman).

“Public Policy and the Structure of the Electric Power Industry: Lessons of the Past,” in Charles G. Stalon, ed., *Regulatory Responses to Continuously Changing Industry Structures* Michigan State University Press: East Lansing, 1993, pp. 98-122. (with William J. Hausman).

Conference Proceedings

“The Economics of Electricity Networks and the Evolution of the U.S. Electric Utility Industry, 1882-1935,” 2004 Annual Meeting of the Business History Conference, Le Creusot, France, June 17-19, 2004. (with William J. Hausman). An on-line copy of the paper is available at:
<http://www.thebhc.org/publications/BEHonline/2004/HausmanNeufeld.pdf>

“U.S. Foreign Direct Investment in Electric Utilities in the 1920s,” Eleventh International Economic Congress, Milan, Italy, September 1994 (with William J. Hausman, who presented the paper).

“The Rise and Demise of Utility Foreign Direct Investment in the Early Nineteenth Century: What Lessons Can Be Drawn From History,” Toward a New Regulatory Paradigm, 26th Annual Conference of the Institute of Public Utilities (Michigan State University), Williamsburg, Virginia, December 1994 (with William J. Hausman, who presented the paper).

“Public Policy and the Structure of the Electric Power Industry: Lessons from the Past,” (with William J. Hausman) in Charles G. Stalon, ed., *Regulatory Responses to Continuously Changing Industry Structure: Proceedings of the 23rd Annual Conference of the Institute of Public Utilities*, East Lansing: Institute of Public Utilities, Michigan State University, 1993.

“The Efficiency of the U.S. Electric Power Industry and the Rise of the Holding Company in the Early Twentieth Century,” (with William J. Hausman), in M. Trédé, ed., *Électricité et Électrification dans le Monde*, Paris: Presses Universitaires de France, pp. 307-321, 1990.

- Other Publications** (With Stephen Holland), "Brokering Power: the Evolution of Government Policy and the Structure of the U.S. Electric Industry," *IEEE Power and Energy Magazine*, vol. 7, number 5, Sept/Oct 2009, pp. 36-43.
- Book Review: *Electricity and Energy Policy in Britain, France and the United States since 1945*, by Martin Chick. EH.Net Economic History Services, Jun 2 2009. URL: <http://eh.net/bookreviews/library/1422>
- Book Review: *A Most Amazing Scene of Wonders: Electricity and Enlightenment in Early America*, by James Delbourgo. *Enterprise & Society: The International Journal of Business History*, forthcoming.
- Book Review: *Knowledge and Competitive Advantage: The Coevolution of Firms, Technology, and National Institutions*, by Johann Peter Murmann. *Journal of Interdisciplinary History*, forthcoming.
- "Public Utilities: Electricity Supply and Networks," in J. Mokyr, ed. *Oxford Encyclopedia of Economic History Vol 4*, Oxford University Press: New York, 2003, pp. 305-9.
- Book Review: *Power Loss: The Origins of Deregulation and Restructuring in the American Electric Utility System*. by Richard F Hirsch, *Enterprise & Society: The International Journal of Business History*, Vol. 2, #4, December 2001, pp. 847-50.
- "Electric Services," in David O. Whitten and Bessie E. Whitten, eds., *Infrastructure and Services: A Historiographical and Bibliographical Guide, Handbook of American Business History, Vol III*. (Westport, CT: Greenwood Press), pp. 105-130.
- "The Rise and Fall of The American & Foreign Power Company: A Lesson from the Past," (with William J. Hausman), *Electricity Journal*, Vol. 10, No. 1, January/February 1997, pp. 46-53.
- Book Review: *The Electric City: Energy and the Growth of the Chicago Area, 1880-1930*. by Harold L. Platt, *Journal of Economic History*, Vol. 52, No. 3, September 1992, pp. 731-732.
- Articles on "Sidney Z. Mitchell," "Electric Bond & Share Co.," and "Blackouts," for *The Encyclopedia of New York*, Yale University Press: New Haven, 1995.
- Book Review: *Electricity in the American Economy: Agent of Technological Progress* by Sam H. Schurr, et al., *Technology and Culture*, Vol. 33, No. 2, April 1992, pp. 395-397.
- "Public vs. Private: A Century of Debate over Economic Efficiency," (with William J. Hausman), *Public Power*, Vol. 49, No. 5, September-October, 1991.
- "The First Great Electricity Pricing Debate," (with William J. Hausman), *Public Utilities Fortnightly*, Vol. 113, June 21, 1984.

“CWIP: Shifting the Investment Risk to Utilities’ Consumers,” *NC Insight*, Vol. 2, No. 2, Spring 1979, reprinted in Eric B. Herzik and Sallye Branch Teater, eds, *North Carolina Focus*, The North Carolina Center for Public Policy Research, Raleigh, 1981.

“The Evolution of Electric Rate Design: An Overview,” *The North Carolina Review of Business and Economics*, Vol. 5, No. 2, January, 1979.

“Utility Rate Reform in North Carolina,” *North Carolina Review of Business and Economics*, Vol. 30, No. 4, December, 1977.

**Activities at
Professional
Conferences**

(P)—Presenter (D)—Discussant (PA)—Paper Presented by Coauthor

XIII International Economic History Association Congress, Buenos Aires, 2002
(P)

XI International Economic History Association Congress, Milan, Italy, 1994 (PA)

26th Annual Conference of the Institute of Public Utilities, Williamsburg, Va. 1994
(PA)

23rd Annual Conference of the Institute of Public Utilities, Williamsburg, Va. 1993
(P)

Annual meeting of the Society for the History of Technology, August 1992,
Uppsala, Sweden (P)

Annual meeting of the American Public Power Association, June 1991, Nashville,
Tennessee. (P)

10th International Economic History Conference, Leuven, Belgium, August 1990.
(PA)

Second International Conference on the History of Electricity, Paris, July 1990. (P)

Electricity Policy Symposium sponsored by the Columbia University Center for
Law and Economics, April 1990. (D)

20th National Convention of the American Association for the Advancement of
Slavic Studies, November 1988, Honolulu, Hawaii. (PA)

Annual meeting of the Economic and Business History Association, April 1989,
Charleston, South Carolina. (P)

Annual meeting of the Society for the History of Technology, October 1987, Ral-
eigh, North Carolina. (P)

Rutgers University Advanced Workshop in Regulatory Economics and Policy,
May 1987, Bolton Landing, New York. (P)

Annual meeting of the Cliometrics Society, May 1987, Urbana, Illinois. (P)

Annual Meeting of the Social Science History Association, October 1986, St. Louis. (P)

Rutgers University Advanced Workshop in Public Utility Economics and Regulation, May 1986, New Seabury, Massachusetts. (P)

Annual meeting of the Business History Conference, March 1986, Columbus Ohio. (PA)

Annual meeting of the Southern Economics Association, November 1983, Washington. (P)

Annual Meeting of the Association for University Business and Economic Research, January 1979, San Antonio. (PA)

The History of Economics Society, May 1979, Urbana, Illinois. (PA)

Annual meeting of the Southern Economics Association, November 1978, Washington. (P)

Conference of Energy Technologies and Policies for North Carolina, May 1978, Raleigh. (P)

Annual meeting of the Southern Economics Association, November 1977, New Orleans. (P)

Annual meeting of the National Tax Association - Tax Institute of America, November 1975, Houston. (P)

**Other Professional
Activities**

Referee for National Science Foundation and economics journals.

Consultant to governmental and private organizations.

Member, UNCG Faculty Senate, 1992-1995, 2003-2006

Member, Bryan Business School Executive Committee, 1990-1992, 1998-2000

Chair, university faculty committee on academic computing, 1989-1992, 2004-2006

Chair, Bryan School Ad Hoc Committee on Information Technology, 1998-2000

Member, North Carolina Energy Policy Council, 1977-1981, 1994-present

Senior Economist, Research Triangle Institute, 1978-79 (on leave from UNCG)