



JAMES LANGENFELD

Navigant Economics
1603 Orrington Ave, Suite 1500
Evanston, IL 60201

W. 847-424-4108
M. 312-909-0668
James.Langenfeld@naviganteconomics.com

EDUCATION

Ph.D., WASHINGTON UNIVERSITY, Economics, 1983

A.B., GEORGETOWN UNIVERSITY, English & Economics, 1971

PRESENT POSITIONS

Navigant Economics, July 2010 – present

Managing Director and Principal

Loyola University Chicago, School of Law, August 2002 – present

Adjunct Professor

PROFESSIONAL EXPERIENCE

LECG, LLC, September 1995 – June 2010

Director

LEXECON INC., January 1994 - August 1995

Vice President

BUREAU OF ECONOMICS, FEDERAL TRADE COMMISSION, 1988-1993

Director for Antitrust

BUREAU OF ECONOMICS, FEDERAL TRADE COMMISSION, 1987-1988

Deputy Director of Economic Policy Analysis, Associate Director for Special Projects

ECONOMICS STAFF, GENERAL MOTORS CORPORATION, 1985-1987

Senior Economist

COMMISSIONER, FEDERAL TRADE COMMISSION, 1984-1985

Economic Advisor

BUREAUS OF COMPETITION AND CONSUMER PROTECTION,

FEDERAL TRADE COMMISSION, 1982-1984

Assistant to the Director

BUREAU OF ECONOMICS, FEDERAL TRADE COMMISSION, 1979-1982

Economist

UNIVERSITY OF MISSOURI, St. Louis, MO, 1978-1979

Instructor

CONFERENCE ON EDUCATION, 1977

Consultant

CENTER FOR THE STUDY OF AMERICAN BUSINESS, ECONOMICS DEPT.,
WASHINGTON UNIVERSITY, 1973-1977

Researcher

UNIVERSITY COLLEGE, WASHINGTON UNIVERSITY, 1974-1976

Instructor

SECTION OF MARKET DEVELOPMENT, AMTRAK, 1972-1973

Statistical Analyst

BUREAU OF ECONOMICS, INTERSTATE COMMERCE COMMISSION, 1971-1972

Economist

REFEREE

Journal of Industrial Economics

Economic Inquiry

Antitrust Law Journal

Global Competition Review

Antitrust Bulletin

International Journal of the Economics of Business

PROFESSIONAL ACTIVITIES

Advisory Board, American Antitrust Institute

U.S. Advisory Board for the Institute for Consumer Antitrust Studies

Editorial Board, *International Journal of the Economics of Business*

Sedona Conference Working Group on the Intersection of Patent and Antitrust Laws

American Bar Association, Antitrust, Healthcare and Intellectual Property Sections

American Economic Association

American Health Lawyers Association, Antitrust Practice Group

American Society of Health Economists

Licensing Executives Society

National Association for Business Economics

Southern Economic Association

Western Economic Association International

AWARDS

Adolph G. Abramson Scroll for an outstanding article in *Business Economics*, 2005.

Listed in the Global Competition Review's *The Handbook of Competition Economists* (2005-2007) and the economist section of *An International Who's Who of Competition Lawyers* (1999-2004)

Honoree, Celebration of the Twentieth Anniversary of the 1982 Merger Guidelines, Department of Justice, June 10, 2002

FTC Distinguished Service Award (1993)

SES Meritorious Service Award (1992)

DISSERTATION

Federal Automobile Regulations, 1983

PAPERS AND PUBLICATIONS

- 1) "The Impact of FTC Regulation on the Cigarette Industry and on Cigarette Litigations," *Research in Law and Economics*, (with Brad Noffske), (Forthcoming)
- 2) "Chapter 6: Econometrics and Regression Analysis," (with Wenqing Li, Greg Leonard and John Morris), *Proving Antitrust Damages: Legal and Economic Issues*, ABA Section of Antitrust Law, 2D Ed., 2010
- 3) "Daubert and Other Gatekeeping Challenges of Antitrust Economists," AAI Working Paper #08-06, (with Chris Alexander), March 10, 2010. Available at <http://ssrn.com/abstract=1337081>
- 4) "Revising the Merger Guidelines," *GCP*, Release 1, December 2009
- 5) "Is GM the New Amtrak?" *The Daily Beast*, June 5, 2009. Available at <http://www.thedailybeast.com/blogs-and-stories/2009-06-05/is-gm-the-new-amtrak/>
- 6) "Non-Horizontal Merger Guidelines in the United States and the European Commission: Time for The United States to Catch Up?," *George Mason Law Review*, Vol. 16, No. 4, Summer 2009, 851-884
- 7) "Needed Revisions of the Non-Horizontal Merger Guidelines," *The Threshold*, Vol. 9, No. 2, Spring 2009, 30-39
- 8) "Supplemental LECG Report Regarding Proposed Highmark/IBC Consolidation," (with Rob Kneuper), January 30, 2009. Available at <http://www.ins.state.pa.us/ins/lib/ins/highmark-ibc/1768.pdf>
- 9) "LECG Report to the Pennsylvania Insurance Department Regarding Proposed Highmark/IBC Consolidation" (with Robert Kneuper), September 10, 2008. Available at <http://www.ins.state.pa.us/ins/lib/ins/highmark-ibc/1355.pdf>
- 10) "The Potential Impact of *Twombly* on Antitrust Class Actions," (with Wendy Bloom) *GCP*, Release 2, June 2008
- 11) "Natural Experiments," (with Mary Coleman), *Issues in Competition Law and Policy* ABA Section of Antitrust Law, Vol. 1, 2008, 743-772
- 12) "Price Discrimination and the Cruise Line Industry: Implications for Market Definition, Competition, and Consumer Welfare," (with Wenqing Li), *International Journal of the Economics of Business*, Vol. 15, Issue 1, February 2008, 1-25
- 13) "Q&A: James Langenfeld on Using Econometrics to Estimate Damages," *LECG Library*, January 2008

- 14) "The Future of US Federal Antitrust Enforcement: Learning From Past and Current Influences," (with Daniel R. Shulman), *The Sedona Conference Journal*, Vol. 8, Fall 2007, 1-15
- 15) "Refining the Matsushita Standard and The Role Economics Can Play", (with James Morsch), *Loyola University Chicago Law Journal*, Vol. 38, No. 3, Spring 2007, 507-512
- 16) "The Economics of High Tech Antitrust," (with Anne Layne-Farrar and Jorge Padilla), *Global Competition Review* Vol. 10, Issue 4, April 2007, 35-38
- 17) "Book review of Michael Whinston's *Lectures on Antitrust Economics*," *World Competition Law and Economics Review*, Vol. 30, March 2007, 174-175
- 18) "The FTC's Study of Pharmacy Benefits Managers," (with Robert Maness), *Antitrust Health Care Chronicle*, Vol. 19, No. 4, January 2006, 23-29
- 19) "The Benefits of Free Trade to U.S. Consumers," (with James Nieberding), *Business Economics*, Vol. 40, July 2005, 41-51
- 20) "Economic Analyses of Patent Settlement Agreements: The Implementation of Specific Economic Tests, the Evaluation of Dynamic Efficiency, and the Scope of Patent Rights," (with Wenqing Li), *University of San Francisco Law Review*, Vol. 39, Issue 1, Fall 2004, 57-80
- 21) "Federal Trade Commission Horizontal Restraint Cases: An Update," (with Louis Silvia), *The Antitrust Bulletin*, Vol. XLIX, No.3, Fall 2004, 521-591
- 22) "How the 'Other Half' Lives: FTC Non-Merger Antitrust Enforcement," *The Antitrust Bulletin*, Vol. XLIX No. 3, Fall 2004, 457-469
- 23) "Competition, Consumer Awareness, and Distribution in the Contact Lens Industry," (with Robert Maness), June 24, 2004
- 24) "Elzinga-Hogarty Tests and Alternative Approaches for Market Share Calculations in Hospital Markets," (with H.E. Frech III and R. Forrest McCluer), *Antitrust Law Journal* Vol. 71, No.3, 2004, 921-947
- 25) "The Cost of PBM "Self-Dealing" Under a Medicare Prescription Drug Benefit," (with Robert Maness), September 2003
- 26) "Economic Literature on Price Discrimination and its Application to the Uniform Pricing of Gasoline," (with Wenqing Li and George Schink), *International Journal of the Economics of Business*, Vol. 10, No.2, July 2003, 179-193
- 27) "Intellectual Property and Agreements to Settle Patent Disputes: The Case of Partial Settlement Agreement with Payments from Branded to Generic Drug Manufacturers," (with Wenqing Li), *Antitrust Law Journal*, Vol. 70, Issue 3, Spring 2003, 777-818
- 28) "The Impact of Increases in Health Costs on Employment-Based Health Spending, the Number of Uninsured, Employment, and Wages for the United States and Each State 20003 – 2007," (with Richard Shin), prepared for the American Association of Health Plans, January 13, 2003

- 29) "Oregon's Measure 23 Could Increase State Health Care Expenditures by 30% in 2005," (with Richard Shin), Prepared for the American Association of Health Plans, October 9, 2002
- 30) "Estimates of Private Employment-Based Insurance Spending In the United States and by State (and the District of Columbia) 2003-2007," (with Richard Shin), Prepared for the American Association of Health Plans, September 24, 2002
- 31) "Intellectual Property and Antitrust: Steps Toward Striking a Balance," *Case Western Reserve Law Review*, Vol. 52, No. 1, Fall 2001, 91-110
- 32) "The Perfect Caper? Private Damages and The Microsoft Case," *The George Washington Law Review*, Vol. 69, No. 5/6, October/December 2001, 902-914
- 33) "Oil Pipelines' Effects on Refined Products Prices," (with Mary Coleman and George Schink), presented Federal Trade Commission conference, Factors that Affect Prices of Refined Petroleum Products, August 2, 2001
- 34) "The Use and Misuse of Critical Loss Analysis," (with Wenqing Li), *LECG Perspectives*, Vol. 2, No. 3, July 2001
- 35) "Critical Loss Analysis in Evaluating Mergers," (with Wenqing Li), *Antitrust Bulletin*, Summer 2001, 299-337
- 36) "Has Microsoft Committed the Perfect Caper?" (with Robert H. Lande), *FTC Watch*, No. 564, April 16, 2001, 11-13
- 37) "Skepticism Overdone: Managed Care and Costs," (with H.E. Frech III), *Health Affairs*, November/December 2000, Vol. 19, No. 6, 305
- 38) "Challenges to Managed Care Practices in Healthcare And Their Potential Effects," (with Michaelyn Corbett), *LECG Perspectives*, Vol. 1, No.4, October, 2000
- 39) "The Economics of Geographic Market Definition in the Sutter Health/Summit Merger," (with Wenqing Li), *Antitrust Health Care Chronicle*, Vol. 14, No.3, Fall 2000, 11-12
- 40) "Competition in U.S. Healthcare and Its Future," (with Michaelyn Corbett), *Global Competition Review*, August-September, 2000, 29-30
- 41) "Lost Profits from Patent Infringement: The Simulation Approach," (with Gregory J. Werden, and Luke M. Froeb), *International Journal of the Economics of Business*, Vol. 7, No.2, 2000, 213-227
- 42) "The Impact of Antitrust Exemptions for Health Care Professionals on Health Care Costs," (with H.E. Frech III), Monograph, Prepared for the American Association of Health Plans, June, 2000
- 43) "Quantitative Techniques in Competition Analysis," (with Tom Hoehn, Melori Meschi and Len Waverman), *Global Competition Review*, October-November, 1999, 27-28
- 44) "Quantitative Techniques in Competition Analysis," (with Tom Hoehn, Melori Meschi and Len Waverman) Prepared for the U.K. Office of Fair Trading , October, 1999

- 45) "Recent Trends in Merger Enforcement in the United States: The Increasing Impact of Economic Analysis," (with Robert H. Lande), *Comparative Law*, Vol. 15, 1998, 73-96
- 46) "The Use of Customer Complaints in Antitrust Analysis," *Government Antitrust Litigation Advisory*, July 1998, 1-5
- 47) "Antitrust Analysis and Remedies in High-Tech Industries," (with Mary Coleman), *Global Competition Review*, June/July 1998, 42-43
- 48) ABA Antitrust Section, 1997 Annual Review of Antitrust Law Developments (1998) (Contributor)
- 49) "Programming Concerns in German Pay-TV," (with Steve Wildman and William Wagener), *The Global Competition Review*, April/May 1998, 47
- 50) "The Triumph and Failure of the U.S. Merger Guidelines in Litigation," *The Global Competition Review*, December 1997/January 1998, 36-37
- 51) "Cash Machines: Fee Disclosure and Competition v. Regulation," (with Alan Frankel), *The Global Competition Review*, August/September 1997, 31-32
- 52) "Sea-Change or Submarkets? Federal Trade Commission v. Staples, Inc. and Office Depot, Inc.," (with Alan Frankel), *The Global Competition Review*, June/July 1997, 29-30
- 53) "Antitrust and Intellectual Property: Landing on Patent Avenue in the Game of Monopoly," (with James Gould), *IDEA - The Journal of Law and Technology*, Vol. 37, No. 3, 1997, 449-89
- 54) "From Surrogates to Stories: The Evolution of Federal Merger Policy," (with Robert Lande), *Antitrust*, Spring 1997, 5-9
- 55) "The Merger Guidelines As Applied," in Malcolm Coate and Andrew Kleit (eds.), *The Economics of the Antitrust Process*, 1996
- 56) Proving Antitrust Damages, Section of Antitrust Law, American Bar Association, William Page (ed.), (co-author), 1996, 41-64
- 57) "Antitrust and Agreements Among Health Care Providers: 'The Messenger Model,' Efficiencies, and Non-Exclusive Contracts," (with Richard Higgins), Southern Economic Association Meetings, New Orleans, LA, November 19, 1995
- 58) "Competition Policy and Privatization During the Transition of Central and Eastern Europe to a Market Economy: An Organizational Perspective," (with Dennis Yao), in H. Thomas, D. O'Neal and J. Kelly (eds.), *Strategic Renaissance and Business Transformation*, 1995, 33-55
- 59) "Competition Policy and Privatization in a Transition Economy: An Organizational Perspective," (with Dennis Yao), in H.J. Blommestein and B. Steunenberg (eds.) *Government and Markets*, 1994, 195-218

- 60) "Economic Theories of the Potential Anticompetitive Impact of Physician Owned Joint Ventures," (with Michael Black), *Antitrust Bulletin*, Summer 1994, 385-414
- 61) "Entry Under the Merger Guidelines, 1982-1992," (with Malcolm Coate), *Antitrust Bulletin*, Fall 1993, 557-592
- 62) "The Federal Trade Commission's Horizontal Restraint Cases: An Economic Perspective," (with Louis Silvia), *Antitrust Law Journal*, Spring 1993, 653-697
- 63) "Frontiers in Monopolization," (with Michael Black), in John Clark and Mary Lou Steptoe (eds.), *The Antitrust Division and the FTC Speak on Current Developments in Federal Antitrust Enforcement, 1992* (New York: Practising Law Institute), Chapter 26, 647-662
- 64) "Efficiencies in U.S. Merger Analysis," (with Timothy Deyak), *International Merger Law*, September 1992
- 65) "Analysis of Nonprice Horizontal Restraints," (with Louis Silvia and Terry Winslow), in Von Kalinowski (ed.), *Antitrust Counseling and Litigation Techniques* (New York: Matthew Bender, 1992), Chapter 19
- 66) "Liberal Trade and Antitrust Developing Nations," (with Roger Boner), *Regulation*, Spring 1992, 5-6
- 67) "Hospital Mergers: Do U.S. Antitrust Agencies Follow the Government Guidelines?" (with Paul Pautler), *International Merger Law*, February 1992
- 68) "Analyzing Agreements Among Competitors: What Does the Future Hold?" (with John Morris), *Antitrust Bulletin*, Fall 1991, 654-679
- 69) "Is Competition Policy the Last Thing Central and Eastern Europe Need?" (with Marsha Blitzer), *American University Journal of International Law and Policy*, Spring 1991, 347-398
- 70) "In Defense of Antitrust" (with John Morris), *Regulation*, Spring 1991, 2-4
- 71) "Antitrust Enforcement: The Gray Area of Agreements Among Competitors," *ATRS Report*, Spring 1991, 3-20
- 72) "Economic Analysis in Health Care Antitrust," (with M. Vita, P. Pautler, and L. Miller), *The Journal of Contemporary Health Law and Policy*, Spring 1991, 73-116
- 73) "The FTC in the 1980's," (with David Scheffman), *Industrial Organization Review*, Summer, 1990, 79-98
- 74) "Comment on 'Identifying Cartel Policing Under Short-Term Uncertainty'," *Journal of Law and Economics*, October 1989, 77-82
- 75) "Innovation and U.S. Competition Policy," (with David Scheffman), *Antitrust Bulletin*, Spring 1989, 1-63. Also published in *Aussenwirtschaft* 43 Jahrgang (1988), 45-95

- 76) "The Use of Customer Complaints in Antitrust Analysis," (with Steve Stockum), *ATRS Report*, Spring 1989, 3-13
- 77) "Regulatory Reform: the Right Way and the Wrong Way," (with Thomas Walton), in Roger Meiners and Bruce Yandle (eds.), *Regulation and the Reagan Era: Politics, Bureaucracy and the Public Interest*, 1989, 41-71
- 78) "Attorney Advertising and Competition at the Bar," (with Terry Calvani and Gordon Shuford), *Vanderbilt Law Review*, May 1988, 761-788
- 79) "How Can Guidelines Reduce the Uncertainties of Antitrust Enforcement?" *Antitrust Bulletin*, Fall 1987, 643-659
- 80) "Settlement vs. Litigation in Antitrust Enforcement," (with Robert Rogowsky), in Mackay, Miller, and Yandle (eds.), *The Federal Trade Commission: The Political Economy of Regulation*, 1987, 205-219
- 81) "Evolution or Revolution--What is the Future of Antitrust?" (with David Scheffman), *Antitrust Bulletin*, Summer 1986, 287-300
- 82) "The Impact of Antitrust Guidelines on Business," *Contemporary Policy Issues*, July 1986, 22-29
- 83) "The Effect of Warranties: A Comment," in Ippolito and Scheffman (eds.), *Empirical Approaches to Consumer Protection Economics* (Washington, D.C.: F.T.C., 1986), 105-108
- 84) "CAFE Estimation Errors and Their Causes," (with Richard Schneider), presented at the Western Economic Association Meetings, San Francisco, July 1986
- 85) "Financial Deregulation and Geographic Market Delineation: An Application of the Justice Guidelines to Banking," (with Joseph McKenzie), *Antitrust Bulletin*, Fall 1985, 695-712
- 86) "An Overview of the Current Debate on Resale Price Maintenance," (with Terry Calvani), *Contemporary Policy Issues*, Spring 1985, 1-8
- 87) "The Failing Industry Merger Defense: A Market Alternative to MITI," presented at the Southern Economic Association Meetings in Atlanta, Georgia, November 1984
- 88) "Antitrust Enforcement and the Oil Industry: Mergers in an Industry of Giants," presented at the National Association of Attorneys General Oil Merger Seminar, Denver, Colorado, April 24-25, 1984
- 89) "An Economic Analysis of the Law of Evidence Applied to the Subjective and Objective tests in an Entrapment Defense," (with Richard Higgins), presented at the International Atlantic Economic Conference in San Juan, Puerto Rico, March 1984
- 90) "The Costs and Benefits of Automobile Emissions Controls and Safety Regulations," Working Paper of the Center for the Study of American Business, Washington University in St. Louis, October 1983, Revised January 1984

- 91) "Federal Automobile Regulations," presented at the Industrial Organization Society Meetings in San Francisco, California, December 1983
- 92) "Comment of the Staff of the F.T.C. on Certain Motor Vehicle and Certain Chassis and Bodies Therefore, before the U.S. International Trade Commission, TA-201-44," (co-authored), October 1980
- 93) "Demand Effects of Automobile Regulations," presented at the Econometric Society Meetings in Atlanta, Georgia, December 1979
- 94) "The New Wave of Regulation: An Appraisal," *The Alternative: An American Spectator*, March 1976
- 95) "Motor Carriers of Passengers," ICC Annual Report to Congress, 1972
- 96) "Empirical Findings on Self Esteem: A Selected Survey," Appendix to P.S.L. Office of Education contract, 1971
- 97) Assisted Murray L. Weidenbaum on Government Mandated Price Increases (AEI: 1975), "Private Advisors and Government Policymaking," *Policy Analysis*, Winter 1975, "The Advantages of Credit on the Personal Income Tax," *George Washington Law Review*, March 1974

While at the FTC, contributed to the U.S. Department of Justice and Federal Trade Commission 1992 Horizontal Merger Guidelines and the 1993 Statements of Enforcement Policy Relating to Health Care and Antitrust.

RECENT EXPERT TESTIMONIAL AND RELATED EXPERIENCE

Dr. Langenfeld has made many presentations and submitted reports to the Federal Trade Commission, the Department of Justice, various state agencies such as the Pennsylvania Insurance Department, the Department of Defense, the European Commission, and the Canadian Bureau of Competition Policy since leaving the FTC. These presentations involved a number of industries, including petroleum, healthcare, pharmaceuticals, medical devices, insurance, chemicals, construction equipment, computers, communications, defense, aerospace, food processing, baking, automobiles and trucks, and a large variety of consumer and industrial products. They covered economic analyses of mergers, monopolistic practices, collusion, consumer protection, and government regulation. He also often presents at conferences and seminars, covering a wide variety of economic, policy, damages, and strategic planning topics.

In addition to these presentations, Dr. Langenfeld has extensive experience testifying in federal and state courts, as well as before the European Commission. This formal testimonial and related experience covers antitrust, damages, class certification, intellectual property relating to patents and trade secrets, taxation regulation, and economic policy. Dr. Langenfeld's testimonial experience includes the following matters.

Deposition of James A. Langenfeld in Safeway, Inc., Walgreen Co., The Kroger Co., New Albertson's, Inc., American Sales Company, Inc., and HEB Grocery Company, LP, v. Abbott Laboratories, in the United States District Court Northern District of California Oakland Division, Case No. C 04-1511(CW), et al., June 17, 2010.

Deposition of James A. Langenfeld in PPO Check, Ltd. v. Midwestern Regional Medical Center, Southwestern Regional Medical Center, and Cancer Treatment Centers of America, Inc., in the United States District Court for the Northern District of Illinois Eastern Division, Civil Action No. 4:07-CV-4767, June 9, 2010.

Deposition of James A. Langenfeld in Federal Trade Commission v. Innovative Marketing, Inc., et al., in the United States District Court for the District of Maryland, Civil No. RDB 08-CV-3233, May 18, 2010.

Testimony of James A. Langenfeld before the Department of Justice and Federal Trade Commission, Horizontal Merger Guidelines Review Project, Chicago, IL, December 10, 2009.

Deposition of James A. Langenfeld in Linda Adams, et al., v. Philip Morris Incorporated, et al., in the Circuit Court of Ohio County, West Virginia, Case No. 00-C-5000, November 23, 2009.

Deposition of James A. Langenfeld in Public Consulting Group, Inc., v. Unisys Corp., before the American Arbitration Association, Case No. 16181Y0000509, October 13, 2009.

Deposition of James A. Langenfeld in All Star Carts and Vehicles, Inc., H.B. Millwork, Inc., and Kussmaul Electronics Company, Inc. v. BFI Canada Income Fund, IESI, Corp., IESI NY, Corp., Winters Bros. Recycling, Corp., Winters Bros. Waste Systems, Inc., Waste Management, Inc., Waste Management of New York, LLC., Allied Waste Industries, Inc., Allied Waste of Long Island, Inc., and Island Waste Services, LTD, in the United States District Court Eastern District of New York, Civil Action No. CV 08-1816 (LDW)(AKT), September 18, 2009.

Trial Testimony of James A. Langenfeld in re: Universal Service Fund Telephone Billing Practices, in the United States District Court for the District of Kansas, Case No. 02-1468, November 13, 2008.

Deposition of James A. Langenfeld in City of St. Louis et al., v. American Tobacco Co., et al. in the Circuit Court of the City of St. Louis State of Missouri, No. 982-09652A, May 29, 2008 and July 23, 2008.

Testimony of James A. Langenfeld in Public Informational Hearings of the Pennsylvania Insurance Department in Form A Filings for Highmark, Inc. and Independence Blue Cross, Pittsburgh, July 8, 2008, Harrisburg, July 10, 2008, and Philadelphia, July 15, 2008.

Testimony of James A. Langenfeld before the European Commission in the Hearing in the Airfreight case, Comp39.258, Brussels, Belgium, July 2, 2008.

Testimony of James A. Langenfeld before PA Senate Banking and Insurance Committee in Form A Filings for Highmark, Inc. and Independence Blue Cross, Harrisburg, Pennsylvania, June 11, 2008.

Deposition of James A. Langenfeld in United States Gypsum Company v. Lafarge North America, Inc., Lafarge S.A., et al., in the United States Court for the Northern District of Illinois, Civil Action No. 03-CV-6027, December 7, 2007.

Trial Testimony of James A. Langenfeld in Gray v. Ford Motor Co., Tompkins v. Ford Motor Co., Katz v. Ford Motor Co., Montoya and McLachlan v. Ford Motor Co., in the Superior Court of the State of California County of Sacramento, JCCP Nos. 4266 & 4270, July 10-12, 2007 & September 24, 2007.

Deposition of James A. Langenfeld in The Regents of the University of California, et al., v. Micro Therapeutics, Inc., et al., in the United States District Court Northern District of California San Jose Division, No. C 03 05669 JW (RS), June 7, 2007.

Deposition of James A. Langenfeld in Gray v. Ford Motor Co., Tompkins v. Ford Motor Co., Katz v. Ford Motor Co., Montoya and McLachlan v. Ford Motor Co., in the Superior Court of the State of California County of Sacramento, JCCP Nos. 4266 & 4270, August 10 & 11, 2006.

Trial testimony of James A. Langenfeld in PostX Corporation v. Secure Data in Motion, Inc. d/b/a Sigaba, Clearswift Corporation and James Reid and Secure Data in Motion, Inc. d/b/a Sigaba v. PostX Corporation, Mayfield Associates Fund VI, Mayfield Associates Fund IV, L.P., Mayfield IX, L.P., Mayfield XI, Mayfield XI Qualified and Mayfield Principals Fund II, United States District Court Northern District of California, Case No. C02-04483 SI, March 14, 2006.

Deposition of James A. Langenfeld in Thales Avionics, Inc., v. Matsushita Avionics Systems Corporation, Matsushita Electric Industrial Co. Ltd., and DOES 2-100, in the United States District Court Central District of California Southern Division, Case No. SACV 04-454-JVS, January 10, 2006.

Deposition of James A. Langenfeld in Federal Trade Commission v. Aloha Petroleum, Ltd., and Truststreet Properties, Inc. in the United States District Court District of Hawaii, August 19, 2005.

Trial testimony of James A. Langenfeld in Government Employees Medical Plan a/k/a GemPlan, an Idaho legal entity; Board of Trustees of GemPlan, in their capacity as Trustees of the Trust Fund of GemPlan's Self-funded health care plan, and Mutual Insurance Assurance Associates, Inc., an Idaho Corporation v. Regence Blue Shield of Idaho, Inc., and Blue Cross of Idaho Health Services Inc., an Idaho Corporation, in the United States District Court for the District of Idaho, Case No. CIV 04-284-E-BLX, August 5, 2005.

Deposition of James A. Langenfeld in Qualitest Pharmaceuticals, Inc.; v. Usher-Smith Laboratories, Inc., Case No. 03 C 4734, in the United States District Court for the Northern District of Illinois Eastern Division, May 25, 2005.

Deposition of James A. Langenfeld in PostX Corporation v. Secure Data in Motion, Inc. d/b/a Sigaba, Clearwift Corporation and James Reid; Counterclaimant Secure Data in Motion, Inc. d/b/a Sigaba v. Post X Corporation, Mayfield Associates Fund VI, Mayfield Associates Fund IV, L.P., Mayfield IX, L.P., Mayfield XI, Mayfield XI Qualified and Mayfield Principals Fund II, Counterdefendants, in the United States District Court Northern District of California, May 19, 2005.

Deposition of James A. Langenfeld in Government Employees Medical Plan a/k/a GemPlan, an Idaho legal entity; Board of Trustees of GemPlan, in their capacity as Trustees of the Trust Fund of GemPlan's Self-funded health care plan, and Mutual Insurance Assurance Associates, Inc., an Idaho Corporation v. Regence Blue Shield of Idaho, Inc., and Blue Cross of Idaho Health Services Inc., an Idaho Corporation, in the United States District Court for the District of Idaho, Case No. CIV 04-284-E-BLX, May 5, 2005.

Trial Testimony of James A. Langenfeld in United Healthcare of Illinois Inc., and UnitedHealth Networks, Inc., v. Advocate Health Care Network, Advocate Health Partners, Advocate Health and Hospitals Corporation, and Advocate Northside Health Network, in arbitration before the American Arbitration Association, Chicago, IL, April, 25-26, May 9, 2005.

Trial Testimony of James A. Langenfeld in Bernard Walker, individually, and on behalf of those similarly situated, 122 Reef Drive, Ocean City, NJ 08226 v. TAP Pharmaceutical Products, Inc., Abbott Laboratories and Takeda Chemical Industries, Ltd., Docket No. CPML-682-01, in the Superior Court of New Jersey, Law Division, Cape May County, April 21, 2005.

Trial Testimony of James A. Langenfeld in Norma Rose and Leonard Rose v. Brown & Williams, as successor in interest to American Tobacco, Philip Morris, USA, Inc., and R.J. Reynolds Tobacco Company, Index No. 101996/02, Supreme Court of the State of New York, County of New York, March 23, 2005.

Trial Testimony of James A. Langenfeld in United States of America v. Philip Morris Incorporated, et al., Civil Action No. 99-2496 (GK) in the United States District Court for the District of Columbia, March 10, 14, 2005.

Deposition of James A. Langenfeld in United Healthcare of Illinois Inc., and UnitedHealth Networks, Inc., v. Advocate Health Care Network, Advocate Health Partners, Advocate Health and Hospitals Corporation, and Advocate Northside Health Network, in arbitration before the American Arbitration Association, Chicago, IL, February 23, 2005.

Deposition of James A. Langenfeld in Qualitest Pharmaceuticals, Inc. v. Upsher-Smith Laboratories Inc., Case No. 03 C 4734, in the United States District Court for the Northern District of Illinois Eastern Division, February 17, 2005.

Deposition of James A. Langenfeld in Marsh USA Inc.; Marsh & McLennan Companies, Inc. v. James S. Wylie; Palmer & Cay, Inc., Case No. 03-C-3597, in the United States District Court for the Northern District of Illinois, January 27, 2005.

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