

EXHIBIT A

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FROM: DEBORAH E. FISHMAN

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December 6, 2006

VIA E-MAIL & FACSIMILE

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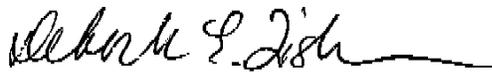
Re: *Amgen Inc. v. F. Hoffmann LaRoche Ltd., et al. (05-CV-12237WGY)*

Dear Tom:

I write to designate Dr. John W. Adamson, Dr. Eric M. Gaier, Benjamin W.D. Scher, and Dr. Christopher Stromberg in accordance with our proposed Protective Order at ¶¶ 8 (c) and 12, and to notify you of our intention to share Discovery Material with each. I enclose a current copy of the curriculum vitae for each of these gentlemen and will provide a signed copy of the agreement to be bound by the terms of the parties' protective order for each once we have a final, signed protective order in place.

Very truly yours,

DAY CASEBEER
MADRID & BATCHELDER LLP



Deborah E. Fishman

DEF:sv

Enclosures

cc: Michele Moreland, Esq.
Mark Israelewicz, Esq.
Howard Suh, Esq.
Peter Fratangelo, Esq.

CURRICULUM VITAE

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BUSINESS ADDRESS: Medical College of Wisconsin
Division of Hematology
Department of Medicine
9200 West Wisconsin Ave.
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FAX: (414) 933-6803

DATE OF BIRTH: December 28, 1936

EDUCATION

1954-56 Associate of Arts
Stockton College
Stockton, California

1956-58 Bachelor of Arts (Major: Zoology)
University of California
Berkeley, California

1958-62 Doctor of Medicine
School of Medicine
University of California at Los Angeles
Los Angeles, California

POSTGRADUATE TRAINING

1960 Research Trainee
California Department of Public Health
Berkeley, California

1962-63 Internship
Department of Medicine
University of Washington
Seattle, Washington

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- 1989-97 President, New York Blood Center
New York, New York
- 1989-98 Director, Lindsley F. Kimball Research Institute
of the New York Blood Center
- 1993-98 Adjunct Professor, Department of Medicine
Cornell University Medical Center
- 1991-98 Consultant, Memorial Hospital
Memorial Sloan-Kettering Cancer Center
- 1998-2004 Executive Vice President for Research
Director, Blood Research Institute
BloodCenter of Wisconsin
Milwaukee, Wisconsin
- 2004- Director, Medical Services
BloodCenter of Wisconsin
- 1999- Professor of Medicine (Hematology/Oncology)
Medical College of Wisconsin
Milwaukee, Wisconsin
- 2002- Chief, Division of Hematology
Department of Medicine
Medical College of Wisconsin
Milwaukee, Wisconsin

AWARDS AND HONORS

- 1958-59 University of California Alumni Scholar
- 1961-62 Robert Stern Memorial Scholar
U.C.L.A. School of Medicine
- 1969-72 Investigator
Veterans Administration
- 1972-77 Research Career Development Award
NIAMDD, National Institutes of Health
- 1976-77 Faculty Scholar Award
Josiah Macy, Jr. Foundation
- 1988-89 Clinical Research Professor
American Cancer Society

BOARD CERTIFICATION

AMERICAN BOARD OF INTERNAL MEDICINE, 1970

LICENSURE

CALIFORNIA (INACTIVE)
WASHINGTON (INACTIVE)
WISCONSIN (ACTIVE)

ORGANIZATIONS

American Association for the Advancement
of Science - Fellow (elected 1991)

American Society of Hematology
President, 1996

American Federation for Clinical Research

Western Society for Clinical Research

International Society for Experimental Hematology
President, 1992-93

New York Academy of Medicine

American Society for Clinical Investigation

Western Association of Physicians

Association of American Physicians

New York Academy of Sciences

International Society of Hematology

American College of Physicians
Fellow

Society for the Advancement of Blood Management
President, 2005-06

National Anemia Action Council

EDITORIAL RESPONSIBILITIES

1976-90 Journal of Cellular Physiology
 Associate Editor
1990-94 Editor

1978-82 Blood
1983-87 Editorial Board
 Editor-in-Chief

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1980-83	Stem Cells Editorial Board
1997-	Blood Cells, Molecules & Diseases Contributing Editor
1981-87	Blood Cells Editorial Board
1983-89	International Journal of Cell Cloning Editorial Board
1981	The Science and Practice of Clinical Medicine, New York: Grune and Stratton Associate Editor Hematology and Oncology, Volume VI
1988-90	Biotechnology Therapeutics Editorial Board
1990-95	International Journal of Hematology Editorial Board
1992-95	Current Opinion in Hematology Founding Editor

NATIONAL RESPONSIBILITIES

American Society of Hematology

1974-76	Erythropoietin Subcommittee, Member
1978-81	Red Cell Subcommittee, Member
1983-88	Executive Committee, Member
1988-92	Scientific Advisory Committee
1988	Member Chairman
1991-95	Advisory Board, Member
1991-94	Transfusion Medicine Subcommittee
1991	Member Chairman
1992-95	Public Information and Governmental Affairs Committee Member
1994	Vice President
1995	President-elect
1996	President

National Institutes of Health

- 1975-76 Member, Ad Hoc Red Cell Working Group in Support of Advisory Committee to DBDR National Heart, Lung and Blood Institute
- 1978-80 Chairman, Subcommittee on Normal Hematopoiesis: Research Needs in Hematology, for Advisory Committee to NIAMDD
- 1979-80 Member, Ad Hoc Advisory Committee on Erythropoietin Procurement and Purification Program , National Heart, Lung and Blood Institute
- 1980-84 Member, Hematology I Study Section
- 1988-92 Member, Advisory Council National Institute of Diabetes, Digestive, & Kidney Diseases
- 1993-95 Member, Hematology Advisory Committee to NIDDKD

Other

- 1989-95 Director, Henry M. and Lillian Stratton Foundation, Inc., New York, New York
- 1990-92 Member, Executive Committee, Council of Community Blood Centers, Washington, D.C.
- 1994-95 Institute of Medicine, National Academy of Sciences, Forum on Blood Safety and Availability

RELATIONS WITH INDUSTRY

- Navigant Biotechnologies – Medical Advisory Board; 2003 –
- Affymax – Medical Advisory Board – 2004 –

- Watson Pharma – Medical Advisory Board – 2000 –
- FibroGen – Medical Advisory Board – 2006 –

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3. Adamson, J.W., Finch, C.A.: Erythropoietine et erythropoiese. *La Nouvelle Revue Francaise d'Hematologie* 7:157-160, 1967.
4. Eschbach, J.W., Funk, D.D., Adamson, J.W., Kuhn, I., Scribner, B.H., Finch, C.A.: Erythropoiesis in patients with renal failure undergoing chronic dialysis. *N. Engl. J. Med.* 276:653- 658, 1967.
5. Adamson, J.W., Finch, C.A.: Erythropoietin and the polycythemias. *Ann. N.Y. Acad. Sci.* 149:560-563, 1968.
6. Adamson, J.W., Eschbach, J.W., Finch, C.A.: The kidney and erythropoiesis. *Am. J. Med.* 44:725-733, 1968.
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8. Adamson, J.W.: The erythropoietin/hematocrit relationship in normal and polycythemic man: Implications of marrow regulation. *Blood* 32:597-609, 1968.
9. Adamson, J.W., Hillman, R.S.: Blood volume and plasma protein replacement following acute blood loss in normal man. *JAMA* 205:609-612, 1968.
10. Stamatoyannopoulos, G., Yoshida, A., Adamson, J.W., Heinenberg, S.: Hemoglobin Rainier (Beta 145 tyrosine-> histidine): Alkali-resistant hemoglobin with increased oxygen affinity. *Science* 159:741-743, 1968.
11. Whang-Peng, J., Leventhal, B.G., Adamson, J.W., Perry, S.: The effect of daunomycin on human cells in vivo and in vitro. *Cancer* 23:113-121, 1969.
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14. Adamson, J.W.: Oxygen delivery by abnormal hemoglobin: In: *Hemopoietic Cellular Proliferation*, F. Stohlman, Jr. (ed). New York: Grune and Stratton, 1970, pp. 112-120.
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17. Eschbach, J.W., Adamson, J.W., Cook, J.D.: Disorders of red cell production in uremia. *Arch. Intern. Med.* 126:812-815, 1970.

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21. Adamson, J.W., Hayashi, A., Stamatoyannopoulos, G., Burger, W.F.: Erythrocyte function and marrow regulation in Hemoglobin Bethesda (Beta 145 histidine). *J. Clin. Invest.* 51:2883-2888, 1972.
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 56. Prchal, J.F., Adamson, J.W., Murphy, S., Steinmann, L., Fialkow, P.J.: Polycythemia vera: The in vitro response of normal and abnormal stem cell lines to erythropoietin. *J. Clin. Invest.* 61:1044-1047, 1978.
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 58. Fisher, J.W., Adamson, J.W., Camiscoli, J.F., Fried, W., Gordon, A.S., Schooley, J., Zanjani, E.: Cooperative erythropoietic assay of several steroid metabolites in polycythemic mice. *Steroids* 30:833-845, 1978.
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 61. Nute, P.E., Pierce, H.I., Hermodson, M.A., Adamson, J.W., Stamatoyannopoulos, G.: Environmental modification of gene expression: Iron deficiency masks erythrocytosis in a female with Hemoglobin Olympia. *Hemoglobin* 2:275-279, 1978.
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69. Torok-Storb, B.J., Storb, R., Deeg, H.J., Graham, T.C., Wise, C., Weiden, P., Adamson, J.W.: Growth in vitro of donor marrow cultured with recipient lymphocytes predicts the fate of marrow grafts in transfused DLA-identical dogs. *Blood* 53:104-108, 1979.
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 167. Kagen, L., Graminske, S., Gavin, M., Cushing, R., Adamson, J., Whitley, P., Taylor, H., AuBuchon, J., Herschel, L., Garcia-Lien, M., McAteer, M.: Gamma Irradiation of Trima Accel RBC Units: *In Vitro* and *In Vivo* Function Studies. AABB Meeting, Baltimore, MD, October 2004.
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Eric M. Gaier, Ph.D.

Partner

Summary of experience

Dr. Eric M. Gaier is a Partner and founding member of Bates White, LLC. Dr. Gaier has significant experience in the application of economic and statistical analysis to antitrust and other economic and financial issues. He specializes in analysis of class certification and alleged anticompetitive conduct including market definition, market power, competitive impact, countervailing efficiencies, and damages.

Dr. Gaier has testified and consulted for government, law firm, and corporate clients across a variety of industries including retail sales, agriculture, pharmaceuticals, healthcare, medical equipment, technology, transportation, commercial aviation, aerospace manufacturing, and defense procurement.

Areas of expertise

- Antitrust liability and damages
- Class certification
- Economic and statistical analysis
- Econometric and microsimulation modeling
- Cost-benefit analysis

Selected experience

- Serving as the lead consulting expert on behalf of a plaintiff in a major exclusionary conduct matter involving the world's leading manufacturers of computer components. Advising on overall case strategy and performing economic analysis to assess liability and damages resulting from illegal conduct alleged in the U.S., Japan, and Europe.
- Serving as the testifying expert on market definition, market power, and competitive impact for a printer systems manufacturer defending allegations of monopolization and attempted monopolization of an alleged aftermarket in toner cartridges.

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- *In re: Pharmaceutical Industry Average Wholesale Price Litigation*, serving as the testifying expert on issues of common impact, feasible damage methodologies, and merits on behalf of a joint defense group of leading pharmaceutical manufacturers in a civil RICO and consumer fraud matter. Submitted written and deposition testimony.
- *In re: Robert J. Swanston v. TAP Pharmaceutical Products, Inc. et al.*, serving as the testifying expert on issues of common impact and feasible damage methodologies on behalf of a joint defense group of leading pharmaceutical manufacturers opposing class certification. Submitted written testimony.
- *In re: District of Columbia v. CVS Corporation, et al.*, served as the testifying expert on market definition, market power, and competitive impact on behalf of District of Columbia challenging the acquisition of a local pharmacy chain by CVS Corporation. Submitted written and deposition testimony. The matter settled before trial.
- *In re: Augustine Medical, Inc. v. Mallinckrodt, Inc. et al.*, served as the testifying expert on market definition, market power, competitive impact, and damages on behalf of Augustine Medical, Inc. defending an illegal monopolization counterclaim. Submitted written and deposition testimony. The matter was dismissed by summary judgment and the opinion of the opposing expert was excluded under *Daubert*.
- *In re: Confre Cellars, Inc. v. Scott Robinson, et al.*, served as the testifying expert on market definition, market power, and competitive impact on behalf of an alcoholic beverage producer involved in a concerted refusal-to-deal litigation with its distributors. Submitted written and deposition testimony. The matter settled before trial.
- Led expert analysis for a top-tier academic expert working on behalf of a proposed class of medical residents alleging anticompetitive conduct in the determination of wages and working conditions. Led analysis of class certification issues and developed appropriate damage methodologies.
- Directed economic and statistical analysis for a top-tier academic expert working on behalf of a proposed class of agricultural producers involved in price-fixing litigation under multiple state indirect-purchaser statutes. Developed economic and statistical analysis of class certification issues and assessed degree of upstream pass-through and damages.
- Directed economic and statistical analysis of damages to support a top-tier academic expert working on behalf of a large coalition of direct-action and class plaintiffs involved in a large and complex price-fixing matter in the vitamins industry. A portion of the

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matter was tried and resulted in a jury verdict for 110 percent (before trebling) of the damages plaintiffs' sought.

- Served as a consulting expert for a group of direct-action plaintiffs in a large price-fixing litigation involving suppliers to the steel manufacturing industry. Demonstrated the scope of the geographic and product markets to support a damage theory for non-U.S. plaintiffs.
- Served as consulting expert for a large rail-transportation defendant in an asbestos-related insurance dispute regarding employer liability. Responsible for developing a litigation risk-assessment model and demonstrating the appropriateness of previous settlements.
- Managed expert analysis to support a large asbestos-product manufacturing defendant in a high-profile fraudulent conveyance matter. Responsible for directing forecasts of future asbestos liability and analysis of product identification trends.
- Conducted statistical and economic analysis on behalf of a major retail sales defendant involved in a tax dispute with the Internal Revenue Service (IRS). Developed models to assess the duration of benefits from store credit cards. Analysis resulted in the termination of the investigation by the IRS.
- Developed critical components of an extensive cost-benefit model to support the sales force of a large medical-equipment manufacturing corporation. Responsible for developing algorithms to determine the optimal mix of equipment and personnel for hospital administrators.

Prior testimony

- *Robert J. Swanston v. TAP Pharmaceutical Products, Inc. et al.* Superior Court for the State of Arizona in and for the County of Maricopa (Expert Declaration: February, 2005).
- *In re: Pharmaceutical Industry Average Wholesale Price Litigation*, U.S. District Court for District of Massachusetts (Expert Declaration: October 2004, Deposition: November 2004, Expert Declaration: January 2005).
- *District of Columbia v. CVS Corporation, et al.*, Superior Court of the District of Columbia Civil Division (Expert Report: May 2004, Deposition: May 2004, June 2004).
- *Confre Cellars, Inc. v. Scott Robinson, et al.*, U.S. District Court for the District of Colorado (Expert Report: September 2002, Deposition: January 2003).

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- *Augustine Medical, Inc. v. Mallinckrodt, Inc. et al.*, U.S. District Court for the District of Delaware (Expert Report: December 2002, Deposition: January 2003, Declaration: February 2003).

Professional experience

Prior to joining Bates White, Dr. Gaier served as an Associate of A.T. Kearney. Previously he was a Research Fellow for the Technology Assessment Program, of the Logistics Management Institute. Dr. Gaier has served as a Consultant to the Panel on Statistical Methods for Evaluating Defense Systems of the National Research Council and as an Instructor with the Department of Economics at Duke University.

Education

- Ph.D., Economics, Duke University
- M.A., Economics, Duke University
- B.A., Economics, Florida State University

Publications

- "Forecasting and Economic Analysis for Aviation Systems Engineering," (with Peter F. Kostiuk), in *Air Transportation Systems Engineering*, Progress in Astronautics and Aeronautics Series, Volume 193, George L. Donohue, Andres G. Zellweger, Herman Rediess, and Christian Pusch, eds. Lexington, MA: American Institute of Aeronautics and Astronautics, 2001.
- "Strategic Information Generation and Transmission: The Evolution of Institutions in Department of Defense Operational Testing," (with Robert C. Marshall), in *Statistics Testing, and Defense Acquisition—Background Papers*, Michael Cohen, Duane L. Steffey, and John E. Rolph, eds., Washington D.C.: National Academy Press, 1999.
- "The Economic Impacts of Air Traffic Congestion," (with Peter F. Kostiuk and Dou Long) *Air Traffic Control Quarterly*, pp. 123–145, Volume 7, Number 2 1999.
- *The ASAC Air Carrier Investment Model: Third Generation* (with Earl R. Wingrove, Jesse P. Johnson, and Tara E. Santmire) NASA Contractor Report 1998-207656, April 1998.
- *The ASAC Air Carrier Cost-Benefit Model* (with Tara E. Santmire, Alexander P. Edlich, and Earl R. Wingrove), NASA Contractor Report 1999–208983, January 1999.

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- *A Method for Forecasting the Commercial Air Traffic Schedule in the Future* (with Dou Long, David A. Lee, Jesse P. Johnson and Peter F. Kostiuk), NASA Contractor Report 1999-208987, January 1999.
- *Modeling Air Traffic Management Technologies With a Queuing Network Model of the National Airspace System* (with Dou Long, David A. Lee, Jesse Johnson, and Peter F. Kostiuk), NASA Contractor Report 1999-208988, January 1999.

Professional associations

- American Economic Association
- American Bar Association (Associate Member)
- International Health Economics Association

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Benjamin W. D. Scher
Manager

Summary of Experience

Ben Scher is a Manager in the Antitrust Practice at Bates White, LLC. He performs economic analyses and research, provides discovery support, and leads teams that support testifying experts in their production of expert reports in litigation matters. He has worked on several major engagements involving antitrust issues, RICO disputes, product liability disputes, and corporate acquisitions. Mr. Scher has expertise in economic issues relating to class certification, firm conduct, market definition, market power, and competitive effects. He has focused extensively on projects in the health care industry and has also worked on projects in a variety of other industries including technology products, agricultural products, and alcoholic beverages.

Areas of Expertise

- Discovery Support
- Market Research
- Market Definition Analysis
- Market Power Analysis
- Competitive Effects Analysis
- Class Certification Analysis

Selected Experience

- Supporting expert's analyses of market definition, market power, and competitive impact for a printer systems manufacturer defending allegations of monopolization and attempted monopolization of an alleged aftermarket in toner cartridges. Worked with the expert to produce expert reports incorporating the results of those analyses. Managed review and analysis of information obtained through discovery and worked with counsel to coordinate discovery and prepare for depositions.

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- Supporting expert work of Eric M. Gaier, Ph.D., of Bates White on behalf of defendants in *State of Nevada v. American Home Products Corp.* and *State of Montana v. Abbott Labs.*, ongoing cases that involve allegations of Average Wholesale Price fraud affecting Medicaid, other state programs, and consumers in the states of Nevada and Montana. Responsibilities include managing the review and analysis of information obtained through discovery and working with counsel to coordinate discovery and prepare for depositions.
- Supporting expert work of Eric M. Gaier, Ph.D., of Bates White on behalf of joint defense group in *In re Pharmaceutical Industry Average Wholesale Price Litigation*, an ongoing case involving allegations of Average Wholesale Price fraud affecting a proposed nationwide class of consumers and third-party payers. Responsibilities included assisting expert with analyses of common impact, feasible damage methodologies, and merits; and working with expert to produce expert reports incorporating the results of those analyses. Responsibilities also include managing the review and analysis of information obtained through discovery.
- Supported the expert work of Eric M. Gaier, Ph.D., of Bates White on behalf of defendants in *Swanston v. TAP Pharmaceutical Products Inc.*, a case that involved allegations of Average Wholesale Price fraud affecting plaintiffs in Arizona. Responsibilities included managing the review and analysis of information obtained through discovery.
- Supported the expert work of Eric M. Gaier, Ph.D., of Bates White on market definition, market power, and competitive impact on behalf of the District of Columbia in *District of Columbia v. CVS Corporation*.
- Supported expert analysis for a top-tier academic expert working on behalf of a proposed class of medical residents alleging anticompetitive conduct in the determination of wages and working conditions. Assisted in analysis of class certification issues and development of appropriate damage methodologies.
- Analyzed future asbestos-related liability for a regional distributor of asbestos insulation during bankruptcy proceedings. Assisted in development of a regional disease incidence model and worked with expert to produce an expert report incorporating the results of this analysis.
- Supported expert work of Eric M. Gaier, Ph.D., on behalf of Augustine Medical, Inc. defending an illegal monopolization counterclaim in *Augustine Medical, Inc. v. Mallinckrodt, Inc.* Responsibilities included assisting the expert in analyses of market definition, market power, competitive impact, and damages; and working with the expert to produce an

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expert report incorporating the results of those analyses. The matter was dismissed by summary judgment, and the opinion of the opposing expert was excluded under *Daubert*.

- Supported expert work of Eric M. Gaier, Ph.D., of Bates White on market definition, market power, and competitive impact on behalf of an alcoholic beverage producer involved in a concerted refusal-to-deal litigation with its distributors in *Confre Cellars, Inc. v. Robinson*.

Education

- B.S., Policy Analysis and Management, Cornell University

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Christopher Stomberg, Ph.D.

Principal

Summary of experience

Christopher Stomberg, Ph.D. has more than 15 years of experience in commercial antitrust litigation, econometric modeling, and quantitative economic analysis. He specializes in the pharmaceutical and healthcare industries, and also has extensive experience in the agriculture, asbestos, chemicals, computer, security, and telecommunication industries. Dr. Stomberg has assisted in developing several of the custom analytical tools and techniques employed at Bates White, specifically those dealing with the application of statistical and analytical techniques to antitrust and litigation matters.

Areas of expertise

- Pharmaceutical and healthcare litigation
- Price-fixing analysis
- Merger analysis
- Damage estimation
- Pharmaceutical marketing portfolio optimization
- Econometrics and statistical analysis including artificial neural networks

Selected experience

- Supporting expert work of Eric M. Gaier, Ph.D. of Bates White on behalf of defendants in the ongoing *State of Nevada v. American Home Products Corp., et al* and *State of Montana v. Abbott Labs., Inc., et al.* matters involving allegations of Average Wholesale Price fraud affecting Medicaid, other state programs, and consumers in the states of Nevada and Montana.
- Supporting the expert testifying work of Eric M. Gaier, Ph.D. of Bates White on behalf of joint defense group in the ongoing *In re Pharmaceutical Industry Average Wholesale Price Litigation*, involving allegations of Average Wholesale Price fraud affecting a proposed nationwide class of consumers and third-party payers. Responsibilities have included the

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preparation of expert reports on behalf of defendants regarding class certification and merits, and preparation for deposition. Responsibilities also include advising counsel regarding discovery, reviewing discovery material, providing ongoing economic analysis, and preparing material for fact and expert witness depositions.

- Supporting the expert work of Eric M. Gaier, Ph.D. of Bates White on behalf of defendant Abbott Labs in the matter of *State of West Virginia v. Warrick Pharmaceutical Corporation, Schering Plough Corporation, Dey, Inc., Abbott Laboratories, and Abbott Laboratories, Inc.* involving allegations of Average Wholesale Price fraud affecting Medicaid and other state programs in West Virginia.
- Delivered a presentation, "Will Medicaid eliminate authorized generics?" at the June 2006 Law Seminars International conference: "Maximizing pharmaceutical patent lifecycles." This presentation explores the effects of forthcoming changes to Medicaid best-price rebate provisions on the profitability of authorized generic drugs.
- Supported the expert work of Halbert M. White, Ph.D., of Bates White resulting in an affidavit in support of Daubert motions filed in the *In re Pharmaceutical Industry Average Wholesale Price Litigation*.
- Supported the expert work of Eric M. Gaier, Ph.D. of Bates White on behalf of defendants in the matter of *Robert J. Swanston v. TAP Pharmaceutical Products Inc., et al.*, involving allegations of Average Wholesale Price fraud affecting plaintiffs in Arizona.
- Directed statistical and economic teams supporting the expert testimony of Halbert L. White, Ph.D. of Bates White, on behalf of the Federal Trade Commission in a merger investigation involving two large bricks-and-mortar store chains. This merger was not consummated.
- Implemented economic and statistical analysis of damages in support of Dr. B. Douglas Bernheim of Stanford University for his work on behalf of class plaintiffs and a group of 140 opt-out plaintiffs in the *In re Vitamins Antitrust Litigation*.
- Managed all analytical, expert, and litigation support work for Jeffrey M. Perloff, Ph.D. of the University of California, Berkeley, in his expert testimony on behalf of an individual opt-out plaintiff (leading breakfast cereal manufacturer) in the *In re Vitamins Antitrust Litigation*.
- Managed NIH-funded SBIR research project for the development of a non-invasive atherosclerosis diagnostic tool using magnetic resonance imaging (MRI). This work successfully validated the concept and Dr. Halbert White's artificial neural network

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software for this application. Next-stage funding is being pursued. Poster session presented at 2004 Pharmaceutical Management Science Association (PMSA) meetings.

- Co-authored (with Pauline Kennedy, Ph.D.) an internal working paper on the application of statistical cross-validation techniques to aid proper model selection in merger price-effects studies. This paper was presented at the annual Bates White Antitrust Workshop.
- Managed self-funded project to update the widely cited Wilson-D'Agostino study of coronary heart disease prediction. Used artificial neural network tools developed by Dr. Halbert White to demonstrate measurable improvements over current prediction methods.
- Authored a study, "Promotional Response Modeling: Combining Structural and Statistical Approaches," which was presented at the 2004 Pharmaceutical Management Science Association (PMSA) Conference. This study (co-authored by Halbert L. White, Ph.D.) describes strategic pharmaceutical marketing simulation and portfolio optimization tools that were developed using cutting-edge econometric forecasting and simulation techniques.
- Led the development of an innovative tactical product sampling optimization tool for a top-tier client in the pharmaceuticals industry. Artificial neural network technology was used to accurately identify target physicians for the client's sales force.
- Developed appropriate damage estimation and data validation techniques on behalf of a FORTUNE 500 defendant involved in a price-fixing matter.

Professional experience

Prior to joining Bates White, Dr. Stomberg served as an independent market research consultant, and he was the Chief Statistician in the Custom Solutions Group at Computer Intelligence in La Jolla, California. In these roles, Dr. Stomberg led the design, execution, and presentation of analytical solutions for a large number of high-profile, B2B market research projects on behalf of many FORTUNE 100 companies. Dr. Stomberg has also consulted for USAID and the World Bank.

Education

- Ph.D., Economics, University of California, San Diego
- M.A., Economics, The George Washington University

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- B.A., Economics, University of Massachusetts, Amherst (*cum laude*)
- Study Abroad, Scandinavian Seminar, Sweden

Publications

- Stomberg, Christopher, and others. "Automated Classification of Atherosclerotic Plaque from MR Images Using Predictive Models" (submitted to *Magnetic Resonance in Medicine*).
- Stomberg, Christopher. "Specification Testing with Information Matrix Equalities." Ph.D. diss., University of California, San Diego, 2000.
- Stomberg, Christopher, and Halbert L. White. "Bootstrapping the Information Matrix Test." Department of Economics Working Paper 2000-04, University of California, San Diego, April 2000.
- Stomberg, Christopher. "Annual Review of Evaluation Results." World Bank, Washington, DC, 1991 and 1992.
- Stomberg, Christopher. "Performance Indicators for Selected Water and Sanitation Utilities in Ecuador." Water and Sanitation for Health Project, Arlington, VA, November 1992.
- Stomberg, Christopher. "Macroeconomic Limits to Coverage." WASH technical report, Water and Sanitation for Health Project, Arlington, VA, February 1992.
- Stomberg, Christopher. "How Well Are African Americans Housed: Past and Present?" Paper presented at "One Third of a Nation: An African American Perspective," a conference, Washington, DC, November 1989.

Languages

- Spanish and Swedish (moderate fluency)

Professional associations and activities

- Contributor, Pharmaceutical Management Science Association (PMSA), 2004. Invited to contribute a presentation on microsimulation-based strategic marketing tools for the pharmaceuticals industry
- Member, American Bar Association
 - Antitrust Section

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- Healthcare Industry Committee
- Member, American Statistical Association
- Member, International Health Economics Association