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CHRISTOPHER A. VELLTURO **President**

Over the course of his career, Dr. Velltuoro has performed a wide variety of economic and econometric analyses and provided expert testimony in the context of mergers and acquisitions, antitrust litigation, intellectual property litigation and numerous other matters spanning a broad array of industries. Dr. Velltuoro has testified on economics-related matters in numerous U.S. District Courts, as well as at the Canadian Competition Bureau, and the American Arbitration Association. He has appeared before the U.S. Department of Justice, the Federal Trade Commission, various states' Attorneys General offices, the Federal Reserve Bank Board of Governors, and numerous other regulatory agencies on merger-related issues and other antitrust matters. Dr. Velltuoro has also made appearances at hearings before the European Commission, and other antitrust enforcement agencies around the world. To date, he has performed economic analyses in over one hundred merger matters, in excess of seventy antitrust actions and well over one hundred intellectual property actions.

Dr. Velltuoro has taught graduate-level economics at Boston University's School of Management.

Prior to forming Quantitative Economic Solutions, LLC (QES), Dr. Velltuoro was a Principal at Analysis Group/Economics (AG/E) and a Senior Vice President and member of the Board of Directors at National Economic Research Associates (NERA).

Dr. Velltuoro has published on a variety of topics, including merger and acquisition-related efficiencies, price discrimination, differentiated product analysis and market definition. His research has appeared in leading academic journals, including *Antitrust*, the *Antitrust Law Journal*, and the *Journal of Economics and Management Strategy*. Dr. Velltuoro is a recipient of the Bradley Fellowship in Public Economics and has served as a referee for *American Economic Review* and *Rand Journal of Economics*.

A Ph.D. graduate in Economics from the Massachusetts Institute of Technology, Dr. Velltuoro also holds a Sc.B. in Applied Mathematics and Economics from Brown University, where he graduated *magna cum laude* and *Phi Beta Kappa*.

EDUCATION

- 1989 Ph.D. in Economics, Massachusetts Institute of Technology
Primary Fields: Econometrics, Industrial Organization
Secondary Fields: Public Finance, Game Theory, Law and Economics
- 1983 Sc.B. in Applied Mathematics and Economics (*magna cum laude*), Brown University

PROFESSIONAL EXPERIENCE

- 2008-Present **Boston University, School of Management**
Instructor – Department of Finance & Economics
- 2002-Present **Quantitative Economic Solutions, LLC**
President/Manager – Direct research on microeconomic issues in litigation and non-litigation matters. Areas of particular focus include: antitrust, regulation, and damages assessment in intellectual property and contract matters.
- 2000-2002 **Analysis Group/Economics**
Principal - Direct research and provide expert testimony on a variety of microeconomic issues with particular emphasis on antitrust, intellectual property, and mergers and acquisitions. Expert reports and testimony presented in U.S. District Court. Presented antitrust economic analyses to Federal Trade Commission, U.S. Department of Justice, Federal Reserve Bank Board of Governors and the European Commission.
- 1996-2000 **National Economic Research Associates, Inc.**
Senior Vice President (1999-2000)
Vice President (1996-1999)
- 1991-1996 **Cambridge Economics, Inc.**
Director - Directed research and provided expert testimony on a variety of microeconomic issues with particular emphasis on antitrust, intellectual property, and mergers and acquisitions. Prior expert testimony provided in U.S. District Court and before the American Arbitration Association. Presented antitrust economic analyses to U.S. Department of Justice, Federal Trade Commission (Antitrust Division), state Attorneys General offices, and the Federal Reserve Bank Board of Governors.
- 1989-1991 **National Economic Research Associates, Inc.**
Senior Consultant - Directed and performed research relating to issues of antitrust, intellectual property, mergers and regulation.
- 1987 **Department of Economics, M.I.T.**
Teaching Assistant - Undergraduate econometrics.

- 1985-1989 **Dean Ann F. Friedlaender, M.I.T.**
Research Associate - Participated in research relating to transportation pricing and capital allocation responses to regulatory changes.
- 1983-1985 **National Economic Research Associates, Inc.**
Research Associate - Conducted research on a wide variety of issues including antitrust, railroad rate setting, optimal landfill pricing, and PCB and asbestos abatement strategies.

AWARDS AND PROFESSIONAL ACTIVITIES

- 1987-1989 Recipient, Bradley Fellowship in Public Economics
- 1986 M.I.T. Departmental Fellowship
- 1983 Phi Beta Kappa, Brown University
- 1983 Sigma Xi, Brown University
- Present Journal Referee for *American Economic Review* and *Rand Journal of Economics*
- Present Member, American Economic Association
- Present Member, American Bar Association

TESTIFYING HISTORY (PAST FOUR YEARS)

- *Erfindergemeinschaft UroPep GbR v. Eli Lilly and Company, and Brookshire Brothers, Inc.*
United States District Court for the Eastern District of Texas
Civil No. 2:15-cv-01202-JRG
- *In re: Biogen '755 Patent Litigation*
United States District Court for the District of New Jersey
Civil Action No. 10-cv-02734(CCC) (JAD)
- *ViaTech Technologies, Inc. v. Microsoft Corporation*
United States District Court for the District of Delaware
C.A. No. 1:14-1226-RGA
- *Amerigen Pharmaceuticals Limited and Argentum Pharmaceuticals LLC Petitioners, v Janssen Oncology, Inc., Patent Owner*
Case No. IPR2016-00286 U.S. Patent No. 8,822,438 B2
- *Arthrex Inc. v. Smith & Nephew, Inc. and Arthrocare Corp; Arthrex Inc. v. Smith & Nephew, Inc. and Arthrocare Corp.*
U.S. District Court for the Eastern District of Texas, Marshall Division, Civil Action Nos. 2:15-cv-1047-RSP and 2:15-cv-1756-RSP.
- *Crane Security Technologies, Inc., and Visual Physics, LLC., v. Rolling Optics AB*
U.S. District Court for the District of Massachusetts, C.A. No. 14-cv-12428-LTS
- *Argentum Pharmaceuticals LLC, v. Research Corporation Technologies, Inc.*
U.S. Patent and Trademark Office Before the Patent Trial and Appeal Board, Case No. IPR2016-00204
- *Bristol-Myers Squibb Co., E.R. Squibb & Sons LLC, ONO Pharmaceutical Co., Ltd., and Tasuku Honjo v. Merck & Co., Inc. and Merck Sharp & Dohme Corp.*
U.S. District Court for the District of Delaware, Civil Action Numbers 14-1131-GMS; 14-560-GMS; 15-572-GMS
- *Koninklijke Phillips N.V. and Philips Electronics North America Corporation v. ZOLL LifeCor Corporation.*
U.S. District Court, District of Western Pennsylvania, Consolidated Civil Action No. 2:12-cv-01369-NBF
- *Enzo Life Sciences, Inc. v. Roche Molecular Systems, Inc.*
U.S. District Court, district of Delaware, Case No. 12 Civ. 106.
- *Enzo Life Sciences, Inc. v. Becton, Dickinson and Company, Becton Dickinson Diagnostics, Inc., and Geneohm Sciences, Inc.*
U.S. District Court, District of Delaware, Consolidated Civil Action No. 12-275-LPS

- *Merck Sharp & Dohme Corp, v. Hospira, Inc.*
U.S. District Court, District of Delaware, Consolidated Civil Action No. 14-915-RGA
- *Gilead Sciences, Inc., Gilead Pharmasset LLC and Gilead Sciences Limited v. AbbVie Inc., and AbbVie Ireland Unlimited Company*
U.S. District Court, District of Delaware, Consolidated Civil Action No. 13-2034-GMS
- *MSC. Software Corporation v. Altair Engineering, Incorporated et al.*
U.S. District Court, Eastern District of Michigan Southern Division, Case No. 2:07-cv-12807
- *UCB, Inc., UCB Pharma GMBH, Research Corporation Technologies, Inc. and Harris FRC Corporation v. Accord Healthcare, Inc., et al.*
U.S. District Court, District of Delaware, Civil Action No. 1:13-cv-1206-LPS
- *SAS Institute Inc. v. World Programming Limited*
U.S. District Court, District of North Carolina, Civil Action No. 5:10-cv-00025-FL (E.D.N.C.)
- *In Re: Certain Consolidated Zoledronic Acid Cases*
U.S. District Court, District of New Jersey, Consolidated Civil Action No. 12-03967 (SDW) (SCM) [Consolidated with Civil Action Nos. 12-cv-04393, 13-cv-01028, 13-cv-02379, 13-cv-4669, 13-cv-5125, 13-cv-6835, 13-v-7914, and 14-cv-1841]
- *Ronald A. Katz Technology Licensing L.P. v. FedEx Corporation, Federal Express Corporation, FedEx Corporate Services, INC., and FedEx Customer Information Services, Inc.*
U.S. District Court, Western District of Tennessee, Case No. 2:15-cv-02329-JPM-tmp
- *Janssen Pharmaceuticals, INC., et al v. Actavis Elizabeth LLC, et al.,*
U.S. District Court, District of New Jersey, Civil Action No. 2:13-cv-04507-CCC-MF
- *Unimed Pharmaceuticals, LLC, Besins Healthcare Inc, and Besins Healthcare Luxembourg, Sarl v. Perrigo Company and Perrigo Israel Pharmaceuticals LTD*
U.S. District Court, District of Delaware, Consolidated Civil Action No. 13-236 (RGA)
- *AstraZeneca LP and AstraZeneca AB v. Breath Ltd./ AstraZeneca LP and AstraZeneca AB v. Apotex, Inc. and Apotex Corp./ AstraZeneca LP and AstraZeneca AB v. Sandoz, Inc./ AstraZeneca LP and AstraZeneca AB v. Watson Laboratories, Inc.*
U.S. District Court, District of New Jersey, Consolidated Civil Action No. 08 CV 1512 (RMB)(AMD).
- *L'Oreal S.A. and L'Oreal USA, Inc. v. Merck and Co., Inc., Merck Sharp & Dohme Corp. and MSD Consumer Care, Inc.*
U.S. District Court, District of Delaware, Civil Action No. 12-99-GMS.
- *Aetna Inc. v. Blue Cross Blue Shield of Michigan,*
U.S. District Court, Eastern District of Michigan, Civil Action No. 2:11-cv-15346-BAF-RSW
- *Medac Phamra, Inc. and medac Gesellschaft für klinische Spezialpräparate mbH v. Antares Pharma, Inc., Leo Pharma A/S and Leo Pharma Inc.,*
U.S. District Court, District of New Jersey, Civil Action No. 1:14-cv-01498-JBS-KMW

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