CHAD W. COFFMAN, MPP, CFA

Global Economics Group, LLC140 South Dearborn Street, Suite 1000Chicago, IL 60603Office:(312) 470-6500Mobile:(815) 382-0092Email:ccoffman@globaleconomicsgroup.com

EMPLOYMENT:

Global Economics Group, LLC

President (2008 - Current)

Global Economics Group specializes in the application of economics, finance, statistics, and valuation principles to questions that arise in a variety of contexts, including litigation and policy matters throughout the world. With offices in Chicago, Boston, and New York, Principals of Global Economics Group have extensive experience in high-profile securities, antitrust, labor, and intellectual property matters.

Market Platform Dynamics, LLC

Chief Financial Officer & Chief Operating Officer (2010 – Current)

Market Platform Dynamics is a management consulting firm that specializes in assisting platform-based companies profit from industry disruption caused by the introduction of new technologies, new business models and/or new competitive threats. MPD's experts include economists, econometricians, product development specialists, strategic marketers and recognized thought leaders who apply cutting-edge research to the practical problems of building and running a profitable business.

Chicago Partners, LLC

Principal (2007 – 2008) Vice President (2003 – 2007) Director (2000 – 2003) Senior Associate (1999 – 2000) Associate (1997 – 1999) Research Analyst (1995 – 1997)

EDUCATION:

CFA Chartered Financial Analyst, 2003

M.P.P. University of Chicago, 1997 Masters of Public Policy, with a focus in economics including coursework in Finance, Labor Economics, Econometrics, and Regulation B.A. Knox College, 1995 Economics, Magna Cum Laude Graduated with College Honors for Paper entitled "Increasing Efficiency in Water Supply Pricing: Using Galesburg, Illinois as a Case Study" Dean's List Every Term Phi Beta Kappa

PROFESSIONAL EXPERIENCE:

Securities, Valuation, and Market Manipulation Cases:

- Testifying Expert in numerous high-profile class action securities matters including, but not limited to:
 - In Re: <u>Bank of America Corp. Securities</u>, <u>Derivative</u>, and <u>Employee Retirement Income</u> <u>Security Act (ERISA) Litigation</u>. Parties settled for \$2.4 billion in which I served as Plaintiffs' damages and loss causation expert.
 - In Re: <u>Schering-Plough Corporation/ Enhance Securities Litigation</u>. Parties settled for \$473 million in which I served as Plaintiffs' damages and loss causation expert.
 - In Re: <u>REFCO Inc. Securities Litigation</u>. Parties settled for \$367 million in which I served as Plaintiffs' damages and loss causation expert.
 - In Re: <u>Computer Sciences Corporation Securities Litigation</u>. Parties settled for \$98 million in which I served as Plaintiffs' damages and loss causation expert.
 - Full list of testimonial experience is provided below
- Engaged several dozen times as a neutral expert by prominent mediators to evaluate economic analyses of other experts.
- Expert consultant for the American Stock Exchange (AMEX) where I evaluated issues related to multiple listing of options. Performed econometric analysis of various measures of option spread using tens of millions of trades.
- Performed detailed audit of CDO valuation models employed by a banking institution to satisfy regulators non-litigation matter.
- Played significant role in highly-publicized internal accounting investigations of two Fortune 500 companies. One led to restatement of previously issued financial statements and both involved SEC investigations.

Testimony:

- Testifying expert in the matter of <u>Kuo, Steven Wu v. Xceedium Inc, Supreme Court of New York,</u> <u>County of New York, Index No. 06-100836</u>. Filed report re: the fair value of Mr. Kuo's shares. Case settled at trial.
- Testifying expert in the matter of <u>Pallas, Dennis H. v. BPRS/Chestnut Venture Limited Partnership</u> and Gerald Nudo, Circuit Court of Cook County, Illinois, County Department, Chancery Division.

Filed report re: fair value of Pallas shares. Report: July 9, 2008. Deposition August 6, 2008. Court Testimony February 11, 2009.

- Testifying expert in <u>Washington Mutual Securities Litigation, United States District Court,</u> <u>Western District of Washington, at Seattle, No. 2:08-md-1919 MJP, Lead Case No. C08-387 MJP.</u> Filed declaration August 5, 2008 re: plaintiffs' loss causation theory. Filed expert report April 30, 2010. Filed rebuttal expert report August 4, 2010.
- Testifying expert in <u>DVI Securities Litigation, Case No. 2:03-CV-05336-LDD, United States</u> <u>District Court for the Eastern District of Pennsylvania</u>. Filed expert report October 1, 2008 re: damages. Filed rebuttal expert report December 17, 2008. Deposition January 27, 2009. Filed rebuttal expert report June 24, 2013.
- Testifying expert in <u>Syratech Corporation v. Lifetime Brands, Inc. and Syratech Acquisition</u> <u>Corporation, Supreme Court of the State of New York, Index No. 603568/2007</u>. Filed expert report October 31, 2008.
- Expert declaration in <u>Jacksonville Police and Fire Pension Fund, et al. v. AIG, Inc., et al., No. 08-CV-4772-LTS; James Connolly, et al. v. AIG, Inc., et al., No. 08-CV-5072-LTS; Maine Public Employees Retirement System, et al. v. AIG, Inc., et al., No. 08-CV-5464-LTS; and Ontario Teachers' Pension Plan Board, et al. v. AIG, Inc., et al., No. 08-CV-5560-LTS, United States District Court, Southern District of New York. Filed declaration February 18, 2009.
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- Expert declaration in <u>Connetics Securities Litigation, Case No. C 07-02940 SI, United States</u> <u>District Court for the Northern District of California, San Francisco Division</u>. Filed expert report March 16, 2009.
- Testifying expert in <u>Boston Scientific Securities Litigation, Master File No. 1:05-cv-11934 (DPW),</u> <u>United States District Court District of Massachusetts</u>. Filed expert report August 6, 2009. Deposition October 6, 2009.
- Expert declaration in Louisiana Sheriffs' Pension and Relief Fund, et al. v. Merrill Lynch & Co. Inc., et al., Case Number 08-cv-09063, United States District Court, Southern District of New York. Filed declaration October, 2009.
- Testifying expert in <u>Henry J. Wojtunik v. Joseph P. Kealy, John F. Kealy, Jerry A. Kleven, Richard J. Seminoff, John P. Stephen, C. James Jensen, John P. Morbeck, Terry W. Beiriger, and Anthony T. Baumann. Filed expert report on January 25, 2010.
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- Testifying expert in <u>REFCO Inc. Securities Litigation, Case No. 05 Civ. 8626 (GEL), United States</u> <u>District Court for the Southern District of New York</u>. Filed expert report February 2, 2010. Filed rebuttal expert report March 12, 2010. Deposition March 26, 2010.
- Expert declaration in <u>New Century Securities Litigation, Case No. 07-cv-00931-DDP, United</u> <u>States District Court Central District of California</u>. Filed declaration March 11, 2010.
- Testifying expert in Louisiana Municipal Police Employees' Retirement System, et. al. v. Tilman J. Fertitta, Steven L. Scheinthal, Kenneth Brimmer, Michael S. Chadwick, Michael Richmond, Joe Max Taylor, Fertitta Holdings, Inc., Fertitta Acquisition Co., Richard Liem, Fertitta Group, Inc.

and Fertitta Merger Co, C.A. No. 4339-VCL, Court of Chancery of the State of Delaware. Filed expert report April 23, 2010.

- Testifying expert in Edward E. Graham and William C. Nordlund, individually and d/b/a Silver King Capital Management v. Eton Park Capital Management, L.P., Eton Park Associates, L.P. and Eton Park Fund, L.P. Case No. 1:07-CV-8375-GBD, Circuit Court of Shelby County, Alabama. Filed rebuttal expert report July 8, 2010. Deposition September 1, 2010. Filed supplemental rebuttal expert report August 22, 2011.
- Testifying expert in <u>Moody's Corporation Securities Litigation. Case No. 1:07-CV-8375-GBD</u>, <u>United States District Court for the Southern District of New York</u>. Filed rebuttal expert report August 23, 2010. Deposition October 7, 2010. Filed rebuttal reply report November 5, 2010. Filed expert report May 25, 2012.
- Testifying expert in <u>Minneapolis Firefighters' Relief Association v. Medtronic, Inc., et al. Civil</u> <u>No. 08-6324 (PAM/AJB), United States District Court, District of Minnesota</u>. Filed expert report January 14, 2011.
- Testifying expert in <u>Schering-Plough Corporation/ENHANCE Securities Litigation Case No.2:08-cv-00397 (DMC) (JAD)</u>, <u>United States District Court, District of New Jersey</u>. Filed declaration February 7, 2011. Filed expert report September 15, 2011. Filed rebuttal expert report October 28, 2011. Filed declaration January 30, 2012. Deposition November 15, 2011 and November 29, 2011.
- Testifying expert in <u>Fannie Mae 2008 Securities Litigation, Master File No. 08 Civ. 7831 (PAC),</u> <u>United States District Court for the Southern District of New York</u>. Filed expert report July 18, 2011.
- Testifying expert in <u>Bank of America Corp. Securities</u>, <u>Derivative</u>, and <u>Employee Retirement</u> <u>Income Security Act (ERISA) Litigation</u>, <u>Master File No. 09 MDL 2058 (PKC)</u>, <u>United States</u> <u>District Court for the Southern District of New York</u>. Filed expert report August 29, 2011. Filed rebuttal expert report September 26, 2011. Filed expert report March 16, 2012. Filed rebuttal expert report April 9, 2012. Filed rebuttal expert report April 29, 2012. Deposition October 14, 2011 and May 24, 2012.
- Testifying expert in <u>Toyota Motor Corporation Securities Litigation, Case No. 10-922 DSF</u> (AJWx), United States District Court, Central District of California. Filed expert report February 17, 2012. Deposition March 28, 2012. Filed rebuttal expert report August 2, 2012. Filed declaration re: Plan of Allocation, January 28, 2013.
- Testifying expert in <u>The West Virginia Investment Management Board and the West Virginia</u> <u>Consolidated Public Retirement Board v. The Variable Annuity Life Insurance Company, Civil</u> <u>No. 09-C-2104, Circuit Court of Kanawha County, West Virginia</u>. Filed expert report June 1, 2012. Deposition June 19, 2013.
- Testifying expert in <u>Aracruz Celulose S.A. Securities Litigation, Case No. 08-23317-CIV-LENARD, United States District Court, Southern District of Florida</u>. Filed expert report July 20, 2012. Deposition September 14, 2012. Filed rebuttal expert report October 29, 2012. Filed declaration re: Plan of Allocation, May 20, 2013.

- Testifying expert in <u>In Re Computer Sciences Corporation Securities Litigation, CIV. A. No. 1:11-cv-610-TSE-IDD, United States District Court, Eastern District of Virginia, Alexandria Division.</u> Filed expert report November 9, 2012. Filed supplemental report February 18, 2013. Filed rebuttal expert report March 25, 2013. Deposition March 27, 2013. Filed declaration re: Plan of Allocation, August 7, 2013.
- Testifying expert in <u>In Re Weatherford International Securities Litigation, Case 1:11-cv-01646-</u> <u>LAK, United States District Court for the Southern District of New York</u>. Filed expert report April 1, 2013. Deposition April 26, 2013.
- Testifying expert in <u>In Re: Regions Morgan Keegan Closed-End Fund Litigation, Case 2:07-cv-02830-SHM-dkv</u>, <u>United States District Court for the Western District of Tennessee Western</u> <u>Division</u>. Court testimony April 12, 2013.
- Testifying expert in <u>City of Roseville Employees' Retirement System and Southeastern</u> <u>Pennsylvania Transportation Authority, derivatively on behalf of Oracle Corporation, Plaintiff, v.</u> <u>Lawrence J. Ellison, Jeffrey S. Berg, H. Raymond Bingham, Michael J. Boskin, Safra A. Catz,</u> <u>Bruce R. Chizen, George H. Conrades, Hector Garcia-Molina, Donald L. Lucas, and Naomi O.</u> <u>Seligman, Defendants, and Oracle Corporation, Nominal Defendant, C.A. No. 6900-CS, Court of</u> <u>Chancery of the State of Delaware</u>. Filed expert report May 13, 2013. Filed rebuttal expert report June 21, 2013. Deposition July 17, 2013.
- Testifying expert in <u>In Re BP plc Securities Litigation, No. 4:10-md-02185, Honorable Keith P.</u> <u>Ellison, United States District Court for the Southern District of Texas, Houston Division</u>. Filed expert report June 14, 2013. Deposition July 25, 2013. Filed rebuttal expert report October 7, 2013. Filed Declaration re: Plaintiff accounting losses November 17, 2013. Filed expert report January 6, 2014. Deposition January 22, 2014.
- Testifying expert in <u>In Re Celestica Inc. Securities Litigation, Civil Action No. 07-CV-00312-GBD, United States District Court for the Southern District of New York</u>. Filed expert report June 14, 2013. Filed rebuttal expert report September 10, 2013. Deposition September 24, 2013.
- Testifying expert in <u>In Re Dendreon Corporation Class Action Litigation, Master Docket No. C11-01291JLR, United States District Court for the Western District of Washington at Seattle</u>. Filed declaration re: Plan of Allocation, June 14, 2013.
- Testifying expert in <u>In Re Hill v. State Street Corporation, Master Docket No. 09-cv12146-GAO,</u> <u>United States District Court for the District of Massachusetts</u>. Filed expert report October 28, 2013.
- Testifying expert in <u>In Re BNP Paribas Mortgage Corporation and BNP Paribas v. Bank of</u> <u>America, N.A., Master Docket No. 09-cv-9783-RWS, United States District Court for the Southern</u> <u>District of New York</u>. Filed expert report November 25, 2013.
- Testifying expert in <u>Stan Better and YRC Investors Group v. YRC Worldwide Inc., William D.</u> Zollars, Michael Smid, Timothy A. Wicks and Stephen L. Bruffet, Civil Action No. 11-2072-KHV, <u>United States District Court for the District of Kansas</u>. Filed declaration re: Plan of Allocation, February 5, 2014.

Experience in Labor Economics and Discrimination-Related Cases:

- Expert consultant for Cargill in class action race discrimination matter in which class certification was defeated.
- Expert consultant for 3M in class action age discrimination matter.
- Expert consultant for Wal-Mart in class action race discrimination matter.
- Expert consultant on various other significant confidential labor economics matters in which there were class action allegations related to race, age and gender.
- Expert consultant for large insurance company related to litigation and potential regulation resulting from the use of credit scores in the insurance underwriting process.

Testimony:

- Testifying expert in <u>Shirley Cohens v. William Henderson, Postmaster General, C.A 1:00CV-1834</u> (TFH) United States Postal Service. United States District Court for the District of Columbia.– Filed report re: lost wages and benefits.
- Testifying expert in <u>Richard Akins v. NCR Corporation</u>. Before the American Arbitration Association Filed report re: lost wages.
- Testifying expert in <u>Maureen Moriarty v. Dyson, Inc., Case No. 09 CV 2777, United States District</u> <u>Court for the Northern District of Illinois, Eastern Division</u>. Filed expert report October 12, 2011. Deposition November 10, 2011.

Selected Experience in Antitrust, General Damages, and Other Matters:

- Expert consultant in high-profile antitrust matters in the computer and credit card industries.
- Expert consultant for plaintiffs in re: Brand Name Drugs Litigation. Responsible for managing, maintaining and analyzing data totaling over one billion records in one of the largest antitrust cases ever filed in the Federal Courts.
- Served as neutral expert for mediator (Judge Daniel Weinstein) in allocating a settlement in an antitrust matter.
- Expert consultant in Seminole County and Martin County absentee ballot litigation during disputed presidential election of 2000.
- Expert consultant for sub-prime lending institution to determine effect of alternative loan amortization and late fee policies on over 20,000 customers of a sub-prime lending institution. Case settled favorably at trial immediately after the testifying expert presented an analysis I developed showing fundamental flaws in opposing experts calculations.

TEACHING EXPERIENCE:

KNOX COLLEGE, Teaching Assistant - Statistics, (1995) KNOX COLLEGE, Tutor in Mathematics, (1992 - 1993)

PUBLICATIONS:

- Coffman, Chad and Mary Gregson, "Railroad Construction and Land Value." *Journal of Real Estate and Finance*, 16:2, pp. 191-204 (1998).
- Coffman, Chad, Tara O'Neil, and Brian Starr, Ed. Richard D. Kahlenberg, "An Empirical Analysis of the Impact of Legacy Preferences on Alumni Giving at Top Universities," *Affirmative Action for the Rich: Legacy Preferences in College Admissions*; pp. 101-121 (2010).

PROFESSIONAL AFFILIATIONS:

Associate Member CFA Society of Chicago Associate Member CFA Institute Phi Beta Kappa

AWARDS:

- 1994 Ford Fellowship Recipient for Summer Research.
- 1993 Arnold Prize for Best Research Proposal.
- 1995 Knox College Economics Department Award.

PERSONAL ACTIVITIES:

- Pro bono consulting for Cook County State's Attorney's Office.
- Pro bono consulting for Cook County Health & Hospitals System Developed method for hospital to assess real-time patient level costs to assist in improving care for Cook County residents and prepare for implementation of Affordable Care Act.
- Pro bono consulting for Chicago Park District to analyze economic impact of park district assets and assist in developing strategic framework for decision-making.