

**J. BRADFORD RICE, PH.D.**  
**Managing Principal**

Office: 617-425-8247  
brad.rice@analysisgroup.com

111 Huntington Avenue  
14th Floor  
Boston, MA 02199

Dr. Rice is an economist with a range of expertise in health economics, industrial organization, finance, statistics, and econometrics. He has extensive experience applying economic theory and statistical methods in complex litigation and research settings. Dr. Rice has led analyses related to government investigations and litigation matters, where he has supported counsel and served as an expert on alleged False Claims Act (FCA) violations, as well as on antitrust, cryptocurrency, insider trading, misappropriation of trade secrets, and breach of contract issues. In matters related to liability and damages, he conducts empirical analyses involving large-scale databases on a range of topics, including causal inference, merger simulation, and lost profits and budget impact. Dr. Rice's case experience has involved assisting in the preparation of expert reports, testimony, and rebuttal analyses and arguments; developing sophisticated interactive models enabling real-time damages assessments under alternative scenarios; and presenting analyses to US Attorney's Office investigators. In addition to his litigation work, he has provided econometric and statistical consulting on matters such as risk management, fair market valuation, and compliance. Dr. Rice is an adjunct faculty member of the Harvard University Department of Economics and has taught undergraduate courses on econometrics, health economics, industrial organization, and regulatory economics. He has published extensively in numerous peer-reviewed journals, and presented at conferences and seminars.

**EDUCATION**

2003–2008    PhD, economics, and MA, political economy, Boston University  
2001–2002    Visiting student, mathematics, Johns Hopkins University  
1997–2001    BA, economics (*cum laude*), University of Florida

**PROFESSIONAL EXPERIENCE**

2008–Present    Analysis Group, Inc.  
                    *Managing Principal (2021–Present)*  
                    *Vice President (2015–2021)*  
                    *Manager (2011–2014)*  
                    *Associate (2008–2010)*

2016–Present    Harvard University  
                    *Adjunct Faculty, Department of Economics*

2005–2008    Boston University  
                    *Lecturer and Research Assistant, Department of Economics*

2001–2008    Johns Hopkins University  
                    *Research Assistant and Consultant, Department of Economics,*  
                    *Bloomberg School of Public Health and School of Medicine*

2004–2005 Tufts University  
*Research Assistant, Department of Economics*

2001 Florida Department of Environmental Protection  
*Economist, Central District*

## SELECTED CONSULTING EXPERIENCE & CASE WORK

- ***US and Plaintiff States v. Anthem, Inc. and Cigna Corp.***  
*US District Court, District of Columbia*  
Supported expert analysis and testimony of a merger simulation involving potential upstream and downstream impacts of a proposed large-scale merger.
- **Confidential college recruiting FCA matter**  
Retained as an expert and provided statistical analyses in a *qui tam* matter in which the government alleged that a Phoenix-based university obtained funds from the federal government by falsely promising not to reward counselors for enrolling students, in violation of the FCA. Analyzed statistical issues involving career progression, promotion, and compensation among recruiters depending on various performance measures and other characteristics.
- **Retrospective horizontal merger analysis**  
Provided support for expert analysis and testimony regarding alleged antitrust issues in a prior horizontal merger in the home building products industry.
- ***United States ex rel. Strom v. Scios, Inc. and Johnson & Johnson***  
*US District Court, Northern District of California, San Francisco*  
Supported an economic expert in analyzing the impact of alleged off-label promotion and payment of kickbacks with respect to an infusible drug for patients with congestive heart failure.
- **Consumer data privacy**  
Supported multiple economic, marketing, and technology experts in assessments of liability and damages associated with allegations of consumer harm stemming from the collection and use of consumer browsing and location data by technology companies.
- **FCA matters in pharmaceuticals and medical devices**  
Supported dozens of experts and provided consulting support in matters addressing causation and damages analyses associated with alleged FCA violations on a wide range of alleged activities.
- **Class action matters**  
Supported multiple economic and other experts in matters involving class action lawsuits. Assessed issues generally rebutting claims of common injury and methodology in health care, technology, and other industries.
- **Agriculture antitrust issues**  
Supported multiple economic and real estate valuation experts in analyses involving alleged monopsony and monopoly claims in various agricultural industries.
- **Confidential Anti-Kickback Statute (AKS) matter**  
Provided expert analysis in a criminal matter involving alleged violations of the AKS by a former pharmaceutical executive.
- **Confidential off-label marketing matter**

Provided expert analysis addressing causation and damages analyses associated with alleged FCA violations.

▪ **Predatory lending**

Conducted financial analyses to support expert testimony regarding allegations and damages associated with allegations of predatory lending by a fintech company to small business owners.

▪ ***AbbVie, Inc. v. Biogen, Inc.***

*American Arbitration Association*

Supported expert testimony regarding profit maximization and alleged breach of contract violations.

▪ ***Providence Health Plan v. Express Scripts, Inc.***

*American Arbitration Association*

Supported expert testimony regarding alleged loss in rebate revenues due to breach of contract.

▪ **Cryptocurrency intellectual property issue**

Supported expert analysis of the value of an alleged trademark violation in cryptocurrency.

▪ **Military logistics FCA**

Provided consulting support and expert analysis on the issue of alleged over-ordering of supplies to the US military over the course of more than a decade in support of the wars in Iraq and Afghanistan. Provided support in the areas of data science, statistics, logistics, economics, and damages.

▪ **Arbitration involving intellectual property issue in pharmaceuticals**

Supported economic and health care experts in analyses of lost profits and damages resulting from an alleged violation of a patent in a rare disease pharmaceutical area.

▪ ***Ischemia Research and Education Foundation v. Pfizer Inc.***

*Superior Court of the State of California, County of Santa Clara*

Supported statistics, economics, and clinical experts in various analyses of lost profits and damages resulting from alleged misappropriation of trade secrets.

▪ **Insider trading**

Supported multiple experts in association with criminal insider trading allegations for a former hedge fund portfolio manager.

▪ **Statistical consulting**

Assisted counsel and clients with the development of various statistical analyses and sampling algorithms.

▪ **International arbitration**

Supported finance and economic experts in analyzing potential inflated share prices due to alleged fraudulent representations in an acquisition of a company.

▪ **Fair market valuation**

Performed fair market valuations for physician compensation agreements and fee schedules related to service agreements.

▪ **Prevailing wages**

Performed analyses to estimate hours worked and damages associated with a failure to pay prevailing wages and overtime.

- **Stock market manipulation**

Conducted various statistical and economic analyses related to allegations that statements by a CEO led to an inflated stock market valuation of the company.

- **Government investigations**

Evaluated alleged conduct, quantified relevant sales, and performed causation analyses using econometric and statistical approaches for multiple government investigations of alleged kickback payments to physicians, off-label marketing, improper pricing, and other allegations. Developed, implemented, and presented analyses to investigators with respect to liability, damages, and other economic considerations. Presentations to US Attorney's Offices included the following jurisdictions:

- District of Columbia
- District of Massachusetts
- District of New Jersey
- Eastern District of Wisconsin
- Middle District of Florida
- Northern District of Illinois
- Southern District of New York
- Western District of New York
- Western District of Oklahoma

## **SELECTED PRESENTATIONS & SPEAKING ENGAGEMENTS**

Ninth Annual Pharmaceutical and Medical Device Enforcement and Litigation Seminar; Skadden, Arps, Slate, Meagher & Flom, New York, NY, October 2019 (plenary speaker)

Law & Economics Symposium; Massachusetts Institute of Technology, Cambridge, MA, May 2019 (panelist)

6th Biennial Conference of the American Society of Health Economists; University of Pennsylvania, Philadelphia, PA, June 2016 (discussant)

14th Annual International Industrial Organization Conference; Drexel University, Philadelphia, PA, April 2016 (chair)

MIT Sloan Sports Analytics Conference; Boston, MA, March 2011 (podium presentation)

AEA/ASSA Annual Meeting; New Orleans, LA, January 2008 (discussant)

Microeconomics Seminar; Boston University, Boston, MA, November 2007 (discussant)

Microeconomic Theory Seminar; Boston University, Boston, MA, November 2007 (podium presentation)

Empirical Microeconomics Seminar; Boston University, Boston, MA, October 2007 (podium presentation)

International Health Economics Association (iHEA) 6th World Congress; Copenhagen Business School, Copenhagen, Denmark, July 2007 (podium presentation and chair)

### **PROFESSIONAL ASSOCIATIONS AND MEMBERSHIPS**

2016–Present Member, American Health Law Association (AHLA)

2010–Present Member, American Society for Health Economists (ASHEcon)

2008–Present Member, board of directors, Katherine Swan Ginsburg Humanism in Medicine Program, Beth Israel Deaconess Medical Center

2008–Present Member, American Economic Association (AEA)

### **AWARDS**

2022 Certificate of Distinction in Teaching, Harvard University

2013 Best Podium Presentation, International Society for Pharmacoeconomics and Outcomes Research

2011 Best Research Paper, MIT Sloan Sports Analytics Conference

2009 Ernest W. Johnson Excellence in Research Writing Award, Association of Academic Physiatrists

2008 Sustained Excellence in Teaching Services Award, Department of Economics, Boston University

2001 Outstanding Contribution, Florida Department of Environmental Protection

### **Graduate Distinctions**

President (nominated and elected in 2007 and 2008), Graduate Student Organization (official representative body for students in the Boston University Graduate School for Arts and Sciences); Institute for Economic Development Student Research Award; Institute for Economic Development Travel Grant; various Boston University scholarships (Graduate School of Arts and Sciences Senior Teachers' Scholarship, Graduate School of Management Doctoral Scholarship, Economics Teaching Fellow Scholarship, Graduate School of Arts and Sciences Research Assistant Scholarship)

### **Undergraduate Distinctions**

Graduation with honors (*cum laude*), Dean's List (various semesters), Omicron Delta Epsilon, Johns Hopkins University Visiting Student Scholarship, Florida Academic Scholarship, Florida Merit Scholarship