

**SOFIA T. HUSSAIN**  
**Vice President**

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Ms. Hussain is a forensic accountant with extensive expertise in financial investigations, fraud detection, and litigation matters across consulting, regulatory, and law enforcement settings. She specializes in securities law violations, including insider trading, Ponzi schemes, market manipulation, and public company accounting and disclosure fraud, as well as banking fraud, terrorism, and espionage cases. Ms. Hussain has served as a witness in federal proceedings, providing testimony in matters involving securities law violations, accounting fraud, insider trading, market manipulation, and investment adviser conduct. Prior to joining Analysis Group, she was a senior manager at Deloitte & Touche, where she advised audit teams worldwide on fraud risk assessment, helped redesign audit procedures to detect fraud, and supported the firm's development of AI-driven tools to enhance accounting fraud detection. Previously, at the US Securities and Exchange Commission (SEC), she worked on numerous investigations and litigation matters, including high-profile accounting fraud, cryptocurrency, and insider trading cases. She also spearheaded the adoption of advanced data analytics and link-analysis tools in the agency's work. Earlier in her career, she served as a forensic accountant at the Federal Bureau of Investigation (FBI), where she uncovered a 20-year Ponzi scheme and provided grand jury testimony leading to indictments, and as a senior consultant in Deloitte Financial Advisory Services' forensic and dispute services practice. Ms. Hussain is an adjunct professor at the D'Amore-McKim School of Business at Northeastern University's M.S. in Accounting Analytics program and is a certified public accountant (CPA) licensed in Massachusetts.

**EDUCATION**

2008	M.Sc., development studies ( <i>with distinction</i> ), London School of Economics
2003	B.S., business administration, accounting concentration ( <i>summa cum laude</i> ), Boston University
2003	B.A., English ( <i>summa cum laude, with distinction</i> ), Boston University

**PROFESSIONAL EXPERIENCE**

2025–Present	Analysis Group, Inc. <i>Vice President</i>
2022–2025	Deloitte & Touche LLP <i>Senior Manager</i>
2021–Present	D'Amore-McKim School of Business at Northeastern University <i>Adjunct Professor, M.S. in Accounting Analytics program</i>
2010–2022	SEC

*Senior Forensic Accountant*

2009–2010      FBI  
                    *Forensic Accountant*

2003–2007      Deloitte Financial Advisory Services  
                    *Senior Consultant*

**SELECTED TESTIMONY EXPERIENCE**

- ***Securities and Exchange Commission v. Francisco Illarramendi, et al., No. 3:11-cv-78***  
*United States District Court for the District of Connecticut*  
Conducted and presented analysis demonstrating asset misappropriation, foreign-official bribery, and Ponzi-scheme-like activity by an investment advisor amongst multiple hedge funds. *Testified in evidentiary hearings in front of a federal judge.*
- ***Securities and Exchange Commission v. Frederick J. O’Meally, et al., No. 06-cv-6483-LTS***  
*United States District Court for the Southern District of New York*  
Performed and presented analysis demonstrating market timing and other manipulative trading activity in several mutual funds by a broker-dealer. *Testified in federal jury trial.*
- ***Securities and Exchange Commission v. Natural Blue Resources, et al., AP No. 3-15974***  
*United States Securities and Exchange Commission Administrative Proceeding*  
Reviewed corporate documents and transactions against public disclosure to demonstrate material omissions and misstatements. *Testified in front of administrative law judge.*
- ***[Confidential] – Securities Market Manipulation Investigation***  
*Federal grand jury (confidential)*  
Analyzed and presented results from complex trading records. *Testified in a confidential federal grand jury session.*

**SELECTED INVESTIGATION AND LITIGATION EXPERIENCE**

- **SEC Enforcement Ponzi scheme investigation**  
Traced fraudulent transactions through a complex network of hedge funds to uncover an international Ponzi scheme involving hundreds of millions of dollars.
- **Insider trading**  
Analyzed millions of trades and communications using link-analysis software to expose undisclosed insider trading networks.
- **“Death-spiral financiers” market manipulation**  
Investigated novel financing-driven manipulation that generated millions in fraudulent profits.
- **Cryptocurrency investigations**  
Investigated a variety of cases in the cryptocurrency space involving complex legal determinations, manipulative trading, and asset misappropriation through cryptocurrency exchanges and wallets.

- **Accounting fraud in multinational public companies**  
Investigated complex accounting fraud cases involving revenue recognition manipulation, asset misappropriation, improper disclosures, internal control weaknesses, and auditor misconduct.

#### **Department Of Justice/FBI Investigations and Litigations**

- **Investment adviser misconduct**  
Analyzed various data sources to demonstrate that an investment management firm misrepresented more than 100 customer asset accounts by several million dollars.
- **Forensic accounting in terrorism and espionage cases**  
Contributed forensic analysis in terrorism and espionage matters, applying accounting and financial techniques to criminal investigations.

#### **Consulting and Advisory Work**

- **Forensic investigations and dispute services**  
Provided consulting in forensic and dispute engagements, including fraud investigations and litigation support.
- **Fraud risk consulting for audit practice**  
Provided fraud and forensics expertise to Deloitte's global audit teams, redesigning required audit fraud procedures and developing a generative AI tool to improve client risk profiling.
- **Fraud prevention and detection consulting**  
Consulted to large global financial services firms to enhance their required fraud risk assessment capabilities.

#### **Technology and Investigative Infrastructure Leadership**

- **Agency-wide technology implementation**  
Led a multimillion-dollar joint-division implementation of data federation and link-analysis software, enabling investigators to search across databases, significantly reducing research and casework time.
- **Regional office issuer monitoring program**  
Co-led Boston's issuer-monitoring program for three years; proactively identified potential accounting manipulation and opened seven investigations during tenure.
- **National work paper redesign**  
Collaborated in a working group that standardized the FBI forensic accountant and financial analysts work product reports, ensuring consistent and efficient documentation of investigative evidence in case files.

#### **SELECTED PRESENTATIONS AND SPEAKING ENGAGEMENTS**

Webinar on fraud risk assessments, Deloitte (2022)

Live and web presentation on working smarter through technology at the federal government, SEC (2014)

**CERTIFICATIONS/ACCREDITATIONS**

2003      CPA, Massachusetts Board of Public Accountancy

**SELECTED HONORS AND AWARDS**

2014      Finalist, Samuel J. Heyman Service to America Medal, SEC

2015      Performance Improvement Council Annual Fellowship, US General Services Administration

**COMMUNITY INVOLVEMENT**

2022–Present      Victim Rights Law Center  
*Member, Board of Directors (Finance and Development Committees)*