

Coleman Bazelon

PRINCIPAL

Practice Co-Leader: Intellectual Property

Washington, D.C.

+1.202.955.5050

Coleman.Bazelon@brattle.com

Dr. Coleman Bazelon is an economic expert with much of his practice focused in regulation, strategy, and valuation in the wireless, wireline, and video sectors. His practice encompasses the modern information infrastructure and the content that fills it. He has consulted and testified on behalf of clients in numerous telecommunications matters, including wireless license auctions and spectrum management; internet matters, including the broadband and applications markets; media matters, including in the programming and copyright markets; entertainment, including analyses of gaming markets; and sports, advising on economic matters related to baseball, Australian Rules Football, and the Olympics.

In addition to regulatory, policy, and valuation analyses, Dr. Bazelon's engagements have also focused on a range of issues within the intellectual property, including serving as an expert in patent and ITC matters, and competition areas. Throughout his career, Dr. Bazelon has had extensive experience with spectrum license auctions as well. He advises on and evaluates auction designs and regularly serves as an auction advisor for bidders in spectrum license auctions. Dr. Bazelon frequently advises regulatory and legislative bodies, including the US Federal Communications Commission (FCC) and the US Congress.

Prior to joining Brattle, Dr. Bazelon was a Vice President at an international economic and strategy-consulting firm. During that time, he expanded the firm's telecommunications practice area. He also served as a Principal Analyst in the Microeconomic and Financial Studies Division of the Congressional Budget Office (CBO) where he researched reforms of radio spectrum management; estimated the budgetary and private sector impacts of spectrum-related legislative proposals; and advised on auction design and privatization issues for all research at the CBO.

SELECTED CONSULTING PROJECTS

Litigation

- Provided Domestic Industry and Cease and Desist Order testimony in ITC 337 case involving silicon photovoltaic cells.
- Provided written testimony on harm from a data breach.
- Provided Domestic Industry, Cease and Desist Order, and Bond testimony in ITC 337 case involving automated storage and retrieval systems.
- Provided Domestic Industry, Cease and Desist Order, and Bond testimony in ITC 337 case involving wireless routers and controllers.
- Testified in criminal trials about value of spectrum licenses.

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- Testified on damages and injunctive relief for Canadian patents.
- Provided written testimony on lost profits of a pharmacy in the fertility industry.
- Provided written testimony on the ability to estimate refunds of prison phone commissions.
- Estimated value of stadium naming rights, in International Arbitration.
- Provided written testimony on the ability to estimate damages for a data breach class.
- Provided written testimony on the actual value of spectrum for a fraud matter.
- Estimated damages related to spectrum value in North America, in International Arbitration.
- Provided Domestic Industry testimony in ITC 337 case involving solid-state storage devices.
- Provided written testimony of the value of a satellite joint venture.
- Estimated damages related to spectrum value in India, in International Arbitration.
- Provided declaration on spectrum valuation for potential US Securities and Exchange Commission (SEC) fraud matter.
- Provided written testimony in private fraud case involving 700 MHz Guard and Expansion Band licenses.
- Provided testimony in ITC 337 enforcement case involving reusable coffee brewing cup patents.
- Provided written testimony in Virginia State Corporation Commission fraud case involving 700 MHz Guard and Expansion Band licenses.
- Provided testimony in SEC fraud case involving 700 MHz Guard and Expansion Band licenses.
- Estimated value of a spectrum portfolio.
- Developed auction format for sale of private equity management firm.
- Estimated racial impact of voter ID law in Texas.
- Assessed Domestic Industry requirement in ITC 337 case involving mobile location patents.
- Evaluated damages in the applications market.
- Assessed allocation theories in an international bankruptcy.
- Evaluated damages from a programming contract termination.
- Evaluated damages from allegations of reputational harm in gaming equipment market.
- Evaluated damages from non-working wireless network equipment.
- Assessed Domestic Industry requirement in ITC 337 case involving wireless equipment patents.
- Assessed commercial viability of full text searching of books business model.
- Assessed Domestic Industry requirement in ITC 337 case involving portable storage device patents.
- Estimated value of satellite assets in bankruptcy.
- Estimated damages from denial of pole attachments.
- Provided written testimony evaluating the performance of a numbering resource administrator.
- Provided written testimony on the ability to estimate damages for a class of satellite phone users.
- Provided written testimony on the economic value of rights-of-way in Massachusetts.
- Estimated damages for a broadcast tower permit revocation.
- Provided oral testimony on the proprietary nature of specific information contained in a statewide public safety network bid.
- Provided written testimony on economic value associated with items provided in a labor neutrality agreement.

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- Estimated damages associated with Universal Service Fund (USF) and other telephone taxes paid by a calling card reseller.
- Assessed the damages associated with the infringement of patents related to Voice over Internet Protocol (VoIP) technology and the likely impact of a permanent injunction.
- Estimated recoverable data costs for two pesticides.
- Estimated cost of delay in granting local cable franchise.
- Analyzed the economic underpinnings of an exclusivity clause of a mobile phone affiliation agreement.
- Assessed commonality issues of physicians for class certification of Racketeer Influenced and Corrupt Organization (RICO) action against a set of health insurance companies.
- Estimated “loss of use” damages for a severed fibre optic cable.
- Provided written testimony estimating the value of a surety bond in a contract dispute involving toll free phone numbers used in an enhanced service application.
- Assessed damages associated with infringement of patents used to provide VoIP.
- Assessed basis for guidance of a large telecommunications firm in a 10-b securities litigation.
- Valued digital television radio spectrum in St. Louis in the pre-litigation phase of a breach of contract dispute.
- Estimated damages in a breach of contract case involving the sale of a fibre optic network.
- Researched the basis for generally optimistic forecasts of broadband deployment in the later 1990s and early 2000s in an antitrust litigation.
- Researched the basis for generally optimistic beliefs about the telecommunications sector in the late 1990s in a 10-b securities litigation.
- Assessed the market for Competitive Local Exchange Carriers in an SEC fraud case.
- Assessed a bankruptcy sale proposal for a national tier 1 broadband backbone provider.
- Examined the business case asserted for a small wireless reseller in a breach of contract litigation.
- Assessed damages associated with infringement of patents used in DNA fingerprinting applications.
- Assessed changes in contributions to the Cable Royalty Fund on behalf of Sports Claimants in a Copyright Arbitration Royalty Panel (CARP) proceeding.
- Assessed the capital adequacy of the US branch of a foreign bank.

Regulatory Proceedings

- Assessed discriminatory practices in broadband provision.
- Estimated value of 12 GHz spectrum.
- Assessed competitive issues in the broadband market for a Section 253 petition.
- Analyzed broadband speed claims.
- Provided comments on repurposing C-Band spectrum in Canada.
- Provided written testimony on prison phone rates.
- Reviewed and assessed comments on the costs and benefits of repurposing 5.9 GHz spectrum.
- Assessed the public interest benefits of a market-based solution for the C-Band spectrum.
- Assessed benefits of fibre-based broadband in rural areas.

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- Analyzed impact of Canadian resale obligations.
- Analyzed approaches to repurposing C-Band spectrum.
- Analyzed competitive effects of proposed Sprint/T-Mobile merger.
- Provided written testimony on the costs and benefits of reallocating 900 MHz spectrum.
- Analyzed impact of forbearance on unbundling, resale, facilities access, and non-discrimination obligations.
- Provided written testimony on rates for TRS service.
- Assessed basis for mechanical royalties in copyright proceeding.
- Provided declaration on minority incentives in spectrum secondary market transactions.
- Evaluated proposed pole attachment rate.
- Analyzed costs of USPS.
- Assessed impact on incentive auction of unlicensed operations in guard bands.
- Assessed market power in Canadian wireless market.
- Provided testimony in prison phone rate proceeding.
- Estimated economic impact of local number portability (LNP) on rural local exchange carriers (RLECs).
- Assessed relevance of US UNE-L experience for New Zealand benchmarking proceeding.
- Authored analysis of harm from revoking LightSquared's Ancillary Terrestrial Component (ATC) authorization.
- Estimated value of pairing Upper 700 MHz A Block with public safety.
- Estimated impact of increased regulatory uncertainty on spectrum value.
- Estimated value of government provision of GPS service to private industry.
- Coauthored analysis of feasibility of reallocating broadcast television with incentive auctions.
- Analyzed impact on spectrum value of pairing AWS III spectrum.
- Coauthored analysis of the merits of licensed versus unlicensed allocation of the TV white spaces.
- Estimated the value of TV white spaces.
- Provided written testimony on the economic harm of using proprietary information in retention marketing.
- Provided written testimony on the economics of pole attachment rates.
- Estimated the value of the PCS H-Block spectrum band.
- Estimated the economic impact of an ITC Exclusion Order on cell phone handsets.
- Authored several reports on the 700 MHz auction rules.
- Analyzed the relationship between the size of cable systems and the economics of the programming market.
- Presented analysis on pricing differentials in overlapping cable markets.
- Assessed proposed regulation of mobile phone roaming rates.
- Analyzed impact of local franchise requirements on competition in the video marketplace.
- Developed and assessed Indian spectrum management proposals.
- Analyzed economic ramifications of à la carte cable channel pricing on consumers and the cable and television programming industries.

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- Examined the relative merits of licensed versus unlicensed radio spectrum and the effects of “underlay” licenses on existing commercial licensees.
- Examined federalism issues related to mobile telephone regulation.
- Examined and refuted arguments suggesting that the California Telecommunications Consumer Bill of Rights was an appropriate response to market failures.
- Assessed the impact on consumers of California’s Telecommunications Consumer Bill of Rights proposal.
- Provided written testimony refuting analysis purporting to show a positive relationship between UNE-P and telecom network investment.
- Provided written testimony examining the effects of unbundling regulations on capital spending in the telecommunications sector.
- Estimated the adjustment to the total element long-run incremental cost (TELRIC) pricing formula to account for irreversible investment in the local telephone network.
- Examined the impact of irreversible investments in the local telephone network on the TELRIC pricing methodology.
- Assessed the degree of market overlap of two food service firms for purposes of merger review.
- Provided written testimony that assessed the validity of an analysis of the costs of a DTV tuner mandate.
- Provided written testimony of a forecast of toll free number demand for the toll free number administrator, SMS/800, in a rate case proceeding.

Other

- Estimated value of 1.3 GHz spectrum.
- Advised bidder in FCC 3.45 GHz auction.
- Estimated economic impacts from a bankruptcy restructuring.
- Advised broadband provider on Federal Trade Commission (FTC) consumer protection/false-advertising investigation.
- Advised bidder in FCC RDOF auction.
- Advised bidder in FCC CBRS spectrum license auction.
- Advising bidder in FCC C-Band spectrum license auction.
- Estimated value of 900 MHz spectrum licenses for several clients.
- Estimated Value of 600 MHz, 900 MHz, 2.4 GHz, and 3.5 GHz licenses.
- Estimated the value created from an accelerated clearing of the C-Band spectrum.
- Analyzed value of repurposing lower mid-band spectrum.
- Analyzed impact of 5G on mobile spectrum values.
- Advised Afghanistan Telecom Regulatory Authority on spectrum licensing.
- Estimated value of spectrum portfolio.
- Auction planning and support for CAF II auction.
- Estimated value of spectrum pipeline.
- Provided support for Australian Rules Football collective bargaining negotiations.
- Provided support for Major League Baseball (MLB)/Major League Baseball Players Association (MLBPA) Collective Bargaining Agreement negotiations.
- Estimated value of new spectrum technology.

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- Analyzed market for video relay services (VRS).
- Coauthored analysis of wireless technology on agricultural water use.
- Evaluated impacts of Boston 2024's Olympic bid.
- Estimated value of licensed mobile broadband spectrum.
- Estimated future needs for licensed mobile broadband spectrum.
- Advised bidder in Canadian 700 MHz auction.
- Evaluated performance of TV stations when repacked in an incentive auction.
- Analyzed differences in US and European wireless markets.
- Assessed business case and value of HF license holder.
- Analyzed likely auction outcomes for TV broadcaster participating in an incentive auction.
- Assessed value of commercial mobile spectrum bands.
- Analyzed economic impacts of the commercial casino industry.
- Evaluated impact of digitization on copyright industries.
- Analyzed economic and employment effects of Dutch gas hub.
- Advised bidder in Indian 3G spectrum license auction.
- Estimated economic and employment effects of network neutrality regulation.
- Analyzed relative costs of wireless and wireline deployments in rural areas.
- Analyzed potential harms from Internet gambling.
- Estimated economic value of reallocating TV spectrum for wireless broadband.
- Estimated economic and employment effects of electric power transmission construction in support of new wind generation facilities.
- Estimated economic and employment effects of broadband stimulus grant applications.
- Estimated employment effects of an ATC-mobile satellite network deployment.
- Analyzed the impact of reducing international mobile phone roaming charges.
- Developed an auction platform for an electricity procurement auction.
- Analyzed the economic impacts of reduced mobile phone taxes in Africa and the Middle East.
- Evaluated the impact of reducing ethanol requirements on gasoline prices.
- Analyzed fair, reasonable, and non-discriminatory (FRAND) licensing requirements for intellectual property in the DTV standard.
- Advised bidder in Canadian AWS spectrum license auction.
- Advised bidder in FCC 700 MHz spectrum license auction.
- Evaluated a business plan for proposed dam removals.
- Assessed a business plan involving the WiMAX market.
- Estimated the value of a portfolio of spectrum licenses.
- Assessed the budgetary impacts of legislation to license TV white spaces.
- Analyzed the economics of the military's build versus buy decision for broadband satellite communications capacity.
- Advised bidder in FCC AWS spectrum license auction.
- Provided framework to estimate impact of the effect of designation of TV white spaces as unlicensed on 700 MHz auction receipts.
- Analyzed Universal Service Fund expenditures.
- Analyzed cable-franchising requirements.

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- Valued proposals to re-band the Upper 700 MHz Band of radio spectrum.
- Analyzed proposed accelerated digital television transition impacts on society and the federal budget.
- Coauthored a report on the value of a portfolio of patents used to provide VoIP.
- Coauthored a report to the US Chamber of Commerce on the economic effects of telecommunications deregulation.
- Assessed the business cases for infeasible right of use (IRU) swaps of a large international fibre optic network owner.
- Examined the effects of unbundling regulations on broadband penetration internationally.

TESTIMONY AND DECLARATIONS

“Expert Report of Coleman Bazelon, PH.D.,” In the Matter of *Certain Silicon Photovoltaic Cells and Modules with Nanostructures, and Products Containing the Same*, United States International Trade Commission, Investigation No. 337-TA-1271, July 5, 2022.

“Fixed IP-Based Networks and Service Quality,” with Paroma Sanyal, Prepared for the California Cable and Telecommunications Association, Reply of the California Cable and Telecommunications Association to Responses to Petition of the Public Advocates Office Rulemaking to Amend General Order 133-D to Establish Minimum Service Quality Standards for All Essential Communications Services, California Public Utility Commission, November 15, 2021.

“Expert Report of Coleman Bazelon, Ph.D.,” *United States of America v. Daryl Bank, et al., Defendants*, United States District Court for the Eastern District of Virginia, Criminal Case No. 2:19-CR-47, November 1, 2021.

“Reply Expert Report of Coleman Bazelon, Ph.D.,” *In Re: Marriott International Customer Data Security Breach Litigation*, United States District Court for the District of Maryland, Southern Division, Case No. 8:19-CV-0654, November 1, 2021.

“Expert Report of Coleman Bazelon, Ph.D.,” *In Re: Marriott International Customer Data Security Breach Litigation*, United States District Court for the District of Maryland, Southern Division, Case No. 8:19-CV-0654, August 27, 2021.

“Declaration of Coleman Bazelon and Paroma Sanyal,” Public Utilities Commission of the State of California, *Order Instituting Rulemaking Regarding Broadband Infrastructure Deployment and to Support Service Providers in the State of California*, Rulemaking 20-09-001, July 26, 2021.

“Rebuttal Witness Statement of Dr. Coleman Bazelon,” In the Matter of *Certain Routers, Access Points, Controllers, Network Management Devices, Other Networking Products, and Hardware and Software Components Thereof*, United States International Trade Commission, Investigation No. 337-TA-1227, July 16, 2021.

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“Rebuttal Witness Statement of Dr. Coleman Bazelon,” In the Matter of *Certain Automated Storage and Retrieval Systems, Robots, and Components Thereof*, United States International Trade Commission, Investigation No. 337-TA-1228, July 1, 2021.

“Expert Report of Coleman Bazelon, PhD,” *United States of America v. Daryl Bank, et al., Defendants*, United States District Court for the Eastern District of Virginia, Criminal Case No. 2:17-CR-126, March 16, 2021.

“Revised Reply Expert Report of Coleman Bazelon,” *Rovi Guides, Inc. v. BCE Inc. Federal Court, Canada, Court File No. T-113-18, June 26, 2020 and Rovi Guides Inc. v. TELUS*, Federal Court, Canada, Court File No. T-206-18, June 26, 2020.

“Affidavit of Coleman Bazelon,” *Rovi Guides, Inc. v. BCE Inc. Federal Court, Canada, Court File No. T-113-18, June 12, 2020 and Rovi Guides Inc. v. TELUS*, Federal Court, Canada, Court File No. T-206-18, June 12, 2020.

“Reply Expert Report of Coleman Bazelon,” *Rovi Guides, Inc. v. BCE Inc. Federal Court, Canada, Court File No. T-113-18, May 12, 2020 and Rovi Guides Inc. v. TELUS*, Federal Court, Canada, Court File No. T-206-18, May 12, 2020.

“Expert Rebuttal Report of Coleman Bazelon Submitted on Behalf of Progyny, Inc.,” *Schraft’s 2.0, LLC, Claimant v. Progyny, Inc., Respondent*, AAA Case No. 01-19-0000-1248, April 20, 2020.

“Highly Confidential Reply Expert Report of Coleman Bazelon,” *Rovi Guides, Inc. v. Videotron Ltd.*, Federal Court, Canada, Court File No. T-921-17, February 21, 2020.

“Expert Report of Coleman Bazelon,” *Rovi Guides, Inc. v. BCE Inc.*, Federal Court, Canada, Court File No. T-113-18, January 29, 2020 and *Rovi Guides Inc. v. TELUS*, Federal Court, Canada, Court File No. T-206-18, January 29, 2020.

“Highly Confidential Expert Report of Coleman Bazelon,” *Rovi Guides, Inc. v. Videotron Ltd.*, Federal Court, Canada, Court File No. T-921-17, November 11, 2019, revised on January 10, 2020.

“Declaration of Coleman Bazelon,” In the matter of *Kellie Pearson and The Law Offices of Mark Booker, on behalf of themselves and those similarly situated, v. Thomas M. Hodgson, In His Official Capacity as Sheriff Of Bristol County and Securus Technologies, Inc.*, United States District Court, District of Massachusetts, Case No. 1:18-cv-11130, November 7, 2019.

“Declaration of Coleman Bazelon, Ph.D.,” In the Matter of *Vertical Ventures II, LLC, et al., v. Smartcomm LLC, et al., and Smartcomm License Services, LLC, et al., v. Carla Marshall, an individual*, Superior Court of Arizona County of Maricopa, No. CV2015-009078, December 6, 2018.

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“Declaration of Dr. Coleman Bazelon in Support of Plaintiff’s Motion for Class Certification,” In the matter of *Premera Blue Cross Customer Data Security Breach Litigation*, Case No. 3:15-md-2633-SI, August 3, 2018.

“Fourth Expert Report of Dr. Coleman Bazelon,” In the Matter of *CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited*, Case No. PCA2013-09, April 26, 2018.

“Witness Statement of Dr. Coleman Bazelon,” In the Matter of *Certain Solid State Storage Drives, Stacked Electronics Components, and Products Containing Same*, United States International Trade Commission, Washington, DC, Investigation No. 337-TA-1097, March 2, 2018.

“Third Expert Report of Dr. Coleman Bazelon,” In the Matter of *CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited*, Case No. PCA2013-09, November 29, 2017.

“Testimony of Coleman Bazelon before the U.S. House of Representatives, Committee on Energy and Commerce, Subcommittee on Communications and Technology,” November 16, 2017. (5G Spectrum)

“Second Rebuttal Report – Reply to the Expert Report of J. Armand Musey in Opposition of Coleman Bazelon,” In the Matter of *ATK Space Systems, Inc., et al., vs. U.S. Space LLC*, Circuit Court of Loudon County, Virginia, Case No. CL-101847, November 10, 2017.

“Rebuttal Report of Coleman Bazelon, Ph.D.,” In the Matter of *ATK Space Systems, Inc., et al., vs. U.S. Space LLC*, Circuit Court of Loudon County, Virginia, Case No. CL-101847, October 20, 2017.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *ATK Space Systems, Inc., et al., vs. U.S. Space LLC*, Circuit Court of Loudon County, Virginia, Case No. CL-101847, September 8, 2017.

“Second Expert Report of Dr. Coleman Bazelon,” In the Matter of *CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited*, Case No. PCA2013-09, July 31, 2017.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Vertical Ventures II, LLC; Vertical Ventures V, LLC; LWH Network, LLC; L, W & C Network, LLC; and Spectrum Family 800, GP vs. Smartcomm, LLC; Smartcomm License Services, LLC; Smartcomm Management, LLC; Smartcomm Acquisitions, LLC; License Acquisitions, LLC; Big Wave Ventures, LLC; Spectrum Networks Group, LLC; M2M Spectrum Networks, LLC; Spectrum Acquisitions Group, LLC; Carlson Investment Group, LLC; Carole L. Downs; Barclay Knapp; and Joe Doe Transferees*, Superior Court of Arizona Maricopa County, March 24, 2017.

“Expert Report of Dr. Coleman Bazelon,” In the Matter of *CC/Devas (Mauritius) Ltd., Devas Employees Mauritius Private Limited, and Telcom Devas Mauritius Limited*, Case No. PCA2013-09, January 16, 2017.

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“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Commonwealth of Virginia, ex rel. State Corporation Commission v. Darryl Gene Bank and Raeann Ann Gibson, Commonwealth of Virginia State Corporation Commission Hearing Examiner*, Case No. SEC-2015-00020, November 4, 2016.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Certain Beverage Brewing Capsules, Components Thereof, and Products Containing the Same*, United States International Trade Commission, Washington, DC, Investigation No. 337-TA-929, November 2, 2016.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Securities and Exchange Commission v. Janus Spectrum LLC; David Alcorn; David Alcorn Professional Corporation; Kent Maerki; Dominion Private Client Group, LLC; Janus Spectrum Group, LLC; Spectrum Management, LLC; Spectrum 100, LLC; Prime Spectrum, LLC; Prime Spectrum Management, LLC; Daryl G. Bank; Premier Spectrum Group, PMA; Bobby D. Jones; Innovative Group, PMA; Premier Group, PMA; Prosperity Group, PMA; Terry W. Johnson; and Raymon G. Chadwick, Jr.*, United States District Court, District of Arizona, Docket No. CV-15-609-PHX-SMM, May 13, 2016.

“Amended Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *ACP Master, Ltd., Aurelius Capital Master, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp.*, Court of Chancery, State of Delaware, C.A. No. 8508-VCL and *ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation*, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, November 2, 2015.

“Rebuttal Report of Coleman Bazelon, Ph.D.,” In the Matter of *ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp.*, Court of Chancery, State of Delaware, C.A. No. 8508-VCL and *ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Clearwire Corporation*, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, October 23, 2015.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II, LLC, v. Sprint Corporation, Sprint Communications, Inc., Erik Prusch, John W. Stanton, William R. Blessing, Bruce A. Chatterley, Mufit Cinali, Jose A. Collazo, Hossein Eslambolchi, Dennis S. Hersch, Brian P. McAndrews, Kathleen H. Rae, Theodore H. Schell, Jennifer L. Vogel, Slade Gorton, Starburst I, Inc., and Softbank Corp.*, Court of Chancery, State of Delaware, C.A. No. 8508-VCL and *ACP Master, Ltd., Aurelius Capital Mater, Ltd., and Aurelius Opportunities Fund II,*

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LLC, v. Clearwire Corporation, Court of Chancery, State of Delaware, C.A. No. 9042-VCL, September 25, 2015.

“Expert Rebuttal Report on Domestic Industry of Coleman Bazelon, Ph.D.,” In the Matter regarding *Certain Non-Volatile Memory Chips and Products Containing the Same*, Investigation No. 337-TA-916, December 15, 2014.

“Expert Report on Remedy and Bonding of Coleman Bazelon, Ph.D.,” In the Matter regarding *Certain Non-Volatile Memory Chips and Products Containing the Same*, Investigation No. 337-TA-916, December 15, 2014.

“Expert Report on Public Interest of Coleman Bazelon, Ph.D.,” In the Matter regarding *Certain Non-Volatile Memory Chips and Products Containing the Same*, Investigation No. 337-TA-916, November 24, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter regarding *Wynnchurch Capital Ltd.*, In the Court of Chancery of the State of Delaware, C.A. No. 10077-VCL, November 7, 2014.

“Third Amended Reply Report of Coleman Bazelon, Ph.D.,” On Behalf of Plaintiff-Intervenors *Texas League of Young Voters Education Fund and Imani Clark*, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-00263, September 22, 2014.

“Reply Report of Coleman Bazelon, Ph.D.,” On Behalf of Plaintiff-Intervenors *Texas League of Young Voters Education Fund and Imani Clark*, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-193 (NGR), August 15, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the *Texas League of Young Voters Education Fund and Imani Clark v. State of Texas*, Nandita Berry, in her official capacity as Texas Secretary of State; and Steve McGraw, in his official capacity as Director of the Texas Department of Public Safety, United States District Court for the Southern District of Texas Corpus Christi Division, Civ. No. 2:13-cv-00263, June 27, 2014.

“Rebuttal Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the *Companies’ Creditors Arrangement Act, R.S.C. 1985, c. C-36, As Amended, and in the Matter of a Plan of Compromise or Arrangement of Nortel Networks Corporation, Nortel Networks Limited, Nortel Networks Global Corporation, Nortel Networks International Corporation and Nortel Networks Technology Corporation*, United States Bankruptcy Court for the District of Delaware, Case No. 09-10138 (KG), February 28, 2014.

“Supplemental Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Sky Angel U.S., LLC, against Discovery Communications, LLC, Animal Planet, LLC*, United States District Court for the District of Maryland, Case No. 8:13-cv-00031-DKC, January 31, 2014.

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“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of the *Companies’ Creditors Arrangement Act, R.S.C. 1985, c. C-36, As Amended, and in the Matter of a Plan of Compromise or Arrangement of Nortel Networks Corporation, Nortel Networks Limited, Nortel Networks Global Corporation, Nortel Networks International Corporation and Nortel Networks Technology Corporation*, United States Bankruptcy Court for the District of Delaware, Case No. 09-10138 (KG), January 24, 2014.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Sky Angel U.S., LLC, against Discovery Communications, LLC, Animal Planet, LLC*, United States District Court for the District of Maryland, Case No. 8:13-cv-00031-DKC, December 6, 2013.

“Expert Report of Coleman Bazelon, Ph.D. and Armando Levy, Ph.D.,” In the Matter of *LT Game International Ltd., against Shuffle Master, Inc.*, United States District Court for the District of Nevada, Case No. 2:12-cv-01216-JAD-GWF, October 4, 2013.

“Expert Report of Coleman Bazelon, Ph.D.,” In the Matter of *Certain Electronic Devices, Including Wireless Communications Devices, Tablet Computers, Media Players, and Televisions, and Components Thereof, United States International Trade Commission*, Investigation No. 337-TA-862 (Judge Shaw), July 5, 2013.

“Declaration of Coleman Bazelon” In the Matter of *PTA-FLA, Inc., Daredevil, Inc., NTCH-WEST TENN., Inc., NTCH-WA, Inc., and Eric Steinmann against ZTE Corporation, and ZTE USA, Inc. Florida Arbitration*, Case No.: 50-494-T-00665-11, February 26, 2013.

“Rebuttal Testimony of Coleman Bazelon,” In re: *Petition for Suspension or Modification of Application of the Requirements of 47 U.S.C. § 251(b) and (c), pursuant to 47 U.S.C. § 251(f)(2) regarding Time Warner Cable Information Services (Maine) LLC’s Request*, State of Maine Public Utilities Commission, Docket No. 2012-198, Docket No. 2012-218, Docket No. 2012-219, Docket No. 2012-220, Docket No. 2012-221, October 12, 2012.

“Testimony of Coleman Bazelon, Ph.D.,” In re: *Petition for Suspension or Modification of Application of the Requirements of 47 U.S.C. § 251(b) and (c), pursuant to 47 U.S.C. § 251(f)(2) regarding Time Warner Cable Information Services (Maine) LLC’s Request*, State of Maine Public Utilities Commission, Docket No. 2012-198, Docket No. 2012-218, Docket No. 2012-219, Docket No. 2012-220, Docket No. 2012-221, August 20, 2012.

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 - Report (January 5, 2022)
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- *United States of America v. Daryl Bank, et al., Defendants*, United States District Court for the Eastern District of Virginia, Criminal Case No. 2:19-CR-47
 - Report (November 1, 2021)
 - Testified (February 14, 2022)
- *In Re: Marriott International Customer Data Security Breach Litigation*, United States District Court for the District of Maryland, Southern Division, Case No. 8:19-CV-0654
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 - Deposition (June 9, 2021)
 - Testified (July 29, 2021)
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 - Deposition (June 4, 2021)
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 - Report (April 20, 2020)
 - Deposition (June 8, 2020)
 - Testified (August 23, 2020)
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 - Report (November 11, 2019)
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 - Deposition (March 2, 2018)
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 - Testified (July 19-20, 2018)
- *In the Matter of Certain Beverage Brewing Capsules, Components Thereof, and Products Containing the Same*, United States International Trade Commission, Washington, DC, Investigation No. 337-TA-929 (Judge Theodore Essex)
 - Expert Enforcement Proceeding Report (November 2, 2016)
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 - Testified (November 14, 2016)
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 - Designated as an expert (March 6, 2015)
- *In the Matter of Certain Non-Volatile Memory Chips and Products Containing the Same, United States International Trade Commission, Washington, DC, Investigation No. 337 TA-922 (Judge Pender)*
 - Designated as an expert (December 19, 2014)
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 - Rebuttal Patent Infringement Testimony (July 5, 2013)
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 - Rebuttal Testimony (October 12, 2012)
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ABA Antitrust Section Consumer Protection Committee Dark Web Webinar, November 12, 2021.

Frontier Justice – Governance and Incentives for Spectrum Sharing, Silicon Flatirons, September 10, 2021.

5G Spectrum: Building Blocks Of Communications Infrastructure, Cowen and Company Communications Infrastructure Summit, Boulder, Colorado, August 10, 2021.

Coleman Bazelon

“How to Satisfy Domestic Industry Requirements: Addressing New Intricacies,” ACI’s 13th Annual Practitioners’ Think Tank on ITC Litigation and Enforcement, July 27, 2021.

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Internet Privacy, Civil Liberties, National Security, Law, and Economics: In Search of a Coherent Policy Path Forward, Ferrum College Forum, Ferrum, Virginia, March 19, 2014.

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Markets in Wireless Spectrum, Towards Dynamic Markets in Electric Power, Water, and Wireless Spectrum Seminar, University of Colorado Law School, Boulder, CO, April 23, 2013.

The Underwood Memorial Lecture and Hoggendorn lecture for the Economic Department, Wesleyan University, Middletown, CT, April 18, 2013.

Ethics and Intellectual Entrepreneurship, Annual College of Social Studies Spring Banquet keynote speaker, Wesleyan University, Middletown, CT, April 17, 2013.

Food-Water-Energy The Right Balance, Ferrum College Forum panel, Ferrum, Virginia, March 12, 2013.

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Competition in the Wireless Environment: How to Get More Handsets or More Networks, Broadband Breakfast Club, Washington, DC, February 15, 2011.

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FCC Broadband Spectrum Workshop, Washington, DC, September 17, 2009.

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Keynote Address, Enterprise Wireless08, Scottsdale, AZ, November 6, 2008.

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Overreaching: The Policy Failures of the 700 MHz Auction, 36th Annual Telecommunications Policy Research Conference (TPRC), Arlington, VA, September 27, 2008.

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Market Allocation for Radio Spectrum, International Telecommunications Union Workshop on Market Mechanisms for Spectrum Management, Geneva, Switzerland, January 2007.

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Coleman Bazelon

Discounting Inside the Washington DC Beltway, Energy Information Agency Seminar Series, Washington, DC, March 2000.

Discounting Inside the Washington DC Beltway, Congressional Budget Office Seminar Series, Washington, DC, November 1999.

Completing the Transition to Digital Television, Telecommunications Policy Research Conference, Arlington, VA, September 1999.

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The Importance of Political Markets in Formulating Economic Policy Recommendations, Selected Paper, AAEA Annual Meeting, Manhattan, KS, August 1991.

L.D.C. Debt and Policy Linkages in the Determination of World Commodity Prices, with Gordon Rausser, Selected Paper, AAEA Annual Meeting, Vancouver, BC, Canada, August 1990.

PROFESSIONAL EXPERIENCE

- **The Brattle Group (2007-Present)**
Principal
- **Analysis Group (2001-2007)**
Vice President
- **Congressional Budget Office (1995-2001)**
Principal Analyst

REVIEWER

- American Journal of Agricultural Economics (1989 – 1994)
- Congressional Budget Office Reports
- Telecommunications Policy
- Telecommunications Policy Research Conference Program Committee (2011-2013)
- George Mason University
- Journal of Information Policy

PROFESSIONAL AFFILIATIONS

- American Bar Association
- American Economic Association
- Federal Communications Bar Association
- National Research Council – Committee on a Survey of the Active Scientific Use of the Radio Spectrum

EDUCATION

Dr. Bazelon received his PhD and MS in Agricultural and Resource Economics from the University of California at Berkeley. He also holds a Diploma in Economics from the London School of Economics and Political Science and a BA from Wesleyan University.

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