CURRICULUM VITÆ OF DR. JONATHAN L. KRAMER, ESQ.

Founder and Senior Partner **Telecom Law Firm, P.C.** Licensed as an Attorney and Counselor at Law in California and New Mexico Licensed as a Real Estate Broker in California Direct Tel: CA (310) 405-7333 – Direct Tel: NM (505) 490-6800 Email: Kramer@TLF.Law Web sites: TLF.Law ■ Billboard.Law ■ CellTowerPhotos.com ■ TelecomRE.com Dr. Kramer's Personal Blog: www.Wireless.Blog.Law



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Employment History

2006 – Present	Telecom Law Firm, P.C. (Los Angeles, CA) (www.TLF.Law) Senior Partner (July 2019 - Present) Founding Attorney and Managing Partner (November 2006 - June 2019)
	Telecom Law Firm, P.C., formerly Kramer Telecom Law Firm, P.C. combines legal and technical expertise in the wireless, broadband, and telephony sectors supporting our private, institutional and government telecom lease and law clients.
	Telecom Law Firm P.C. does <u><i>not</i></u> represent wireless carriers, wireless facility providers, tower owners who are not the landlord, cable TV providers, or other telecom providers.
2021 – Present	Telecom Realty Corporation (Los Angeles, CA) (www.TelecomRE.com). President/Supervising Broker. Telecom Realty Corp., which is not a law firm, provides wireless site management and contract inspection services to California government and private communications site landlords
2018 - 2024	Instructor, Regulatory Law and Policy (Doctoral and Master levels) Northeastern University (Boston, MA and Seattle, WA campuses)
1999 – 2015	Kramer.Firm, Inc., Principal Technologist (Los Angeles, CA)
1987 – 1999	Communications Support Corp., President (El Toro, CA; Los Angeles, CA)
1984 – 1987	CommuniCable Consultants, Owner (El Toro, CA)
1982 – 1984	Storer Communications, Regional Technical Manager (Southern California)
1982 – 1982	Western Cable Services, Inc., Engineering Manager (Ventura, CA)
1979 – 1982	Warner Cable of Malibu, System Engineer (Malibu, CA)
1978 – 1979	Self-Employed. Radio telecommunications engineer (Malibu, CA)
1976 – 1978	Motorola Communications & Electronics Area F Project Management, Field Technician, (CA, NV, AZ, and NM)
1973 – 1974	Rovafone of Los Angeles, Technician/Installer (Woodland Hills, CA)
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Education

Doctor of Law and Policy (LP.D). Northeastern University, Boston, Massachusetts. Thesis title: "Cell Towers, Community Perspectives, and Hedonic Price Modeling: Utility, Limitations, and Localism". Status: Doctoral degree conferred 2016.

Master of Law (LL.M). Information Technology and Telecommunications Law. Status: Earned Degree *with distinction*. University of Strathclyde, Glasgow, Scotland. Dissertation title: "Section 6409(a) of the Middle-Class Tax Relief and Job Creation Act of 2012: Potential Impacts on Ninth Circuit Wireless Siting Jurisprudence Under the Telecommunications Act of 1996." Status: Master of Law degree *with distinction* conferred 2013.

Juris Doctor (JD). Abraham Lincoln University School of Law, Los Angeles, California Status: Juris Doctor degree *cum laude* conferred 2001.

Associate of Science (AS). Radio Communications. Los Angeles Trade Technical College. Status: Associate Degree *with honors* conferred 1977.

State Bar Licensure and Federal Court Admissions

Attorney and Counselor at Law admitted in the State of California: California State Bar Registration No. 244074.

Attorney and Counselor at Law admitted in the State of New Mexico: New Mexico State Bar Registration No. 145319.

Attorney admitted to practice before the U.S. District Court, Central District of California.

Attorney admitted to practice before the U.S. District Court, District of New Mexico.

Attorney admitted to practice before the U.S. Ninth Court of Appeals.

Attorney admitted to practice before the U.S. Tenth Circuit Court of Appeals.

Related Licensure

FCC General Radiotelephone Operator License with Ship Radar endorsement. License No. PG11-35289. Licensed since 1975 as Third Class, then Second Class, then First Class Radiotelephone License.

FCC Global Maritime Distress and Safety System Maintainer's License with Ship Radar endorsement. License No. DB00000530 Licensed since 2008

FCC Global Maritime Distress and Safety System Operator/Maintainer License with Ship Radar endorsement. License No. DB00000680 Licensed since 2008.

FCC General Mobile Radio Service license. Call sign WQYS474. Licensed since 2017.

FCC Restricted Radiotelephone Operator Permit No. RR00055117. Licensed since 2009.

FCC Aircraft Radio License. Call sign WRVG814. Licensed since 2022.

FCC Amateur Radio Operator license. Current: License Call Sign W6JLK (Extra Class). Previous: Former call signs in reverse chronological order: KD6MR (Advanced Class, Extra Class); KP6AY (Advanced Class); WB6FDE (General Class); WN6FDE (Novice Class). Licensed since November 1970.

California Contractors State License Board. Class C7 Low Voltage Communications. License No. 433113. Licensed since 1982.

California Department of Real Estate. Real Estate Broker. License No. 00698460. Licensed since 2021.

California Department of Real Estate. Designated Officer for Telecom Realty Corporation. License No. 02145173. Licensed since 2021.

FAA Remote Pilot Certificate (Part 107). Certificate No. 4801726. Certified since 2023.

Associations and Professional Society Memberships

Amateur Radio Emergency Service ("ARES") LAX NW Emergency Coordinator (2022).

Amateur Radio Emergency Service, LAX NW District (Member since 2017).

Amateur Radio Emergency Service, Culver City District (Member since 2018). It's Local Government Liaison since 2020.

American Radio Relay League (Elected Life Member; member since 1971).

California Wireless Association (Charter Member).

Culver City Amateur Radio Emergency Service ("CCARES") (Member since 2017).

FBI InfraGard Member, California – Los Angeles Members Alliance (Law Member).

International Municipal Lawyers Association (Attorney Member).

National Association of Telecommunications Officers and Advisors ("NATOA"). Member since 1987.

New Mexico Municipal League, City Attorney's Section (Attorney Member).

Santa Monica Community Emergency Response Team Member ("CERT") (graduated 2018).

Society of Broadcast Engineers. Member since 2008; elected a Senior Member in 2014

Society of Telecommunications Engineers (U.S. Society). Member since 1979; elected to Senior Member status in 1993. Elevated to 'Senior Member–Emeritus Status Nov. 2019

Society of Telecommunication Engineers (U.K. Society). Member since 1999; elected a Fellow Member on September 28, 2001.

States of California and Nevada Chapter of NATOA (Founding Member in 1991; former Chapter President 2009-2010; former President Elect 2008-2009; former Board of Directors member 2006-2007, 2007-2008; 2012-2013; 2013-2014; Immediate Past President 2010-2012); Board Member 2021-2023.

Professional Leadership

Executive Committee Board Member, California Lawyers Association, Public Law Section ("PLS") (Sept. 2023 - Sept. 2026).

Editor, California Lawyers Association, Public Law Journal (2023-2026).

Former technology advisor to the FCC's State & Local Government Advisory Committee. (1997-2000)

Co-author, co-editor of "A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance", published by the FCC, Spring 2000 (download from: http://www.fcc.gov/encyclopedia/radio-frequency-safety).

Former Chairperson, International Right of Way Association Wireless Committee.

Former Executive Committee Board Member of the State Bar of California Public Law Section (Sept. 2014 - Sept. 2018).

Former Board Member and Past President, States of California and Nevada Chapter of NATOA (SCAN NATOA) (2006-2008); founding member of that Chapter. Chapter President: 2009-2010. Board Member 2012-2016, 2021-2023.

NATOA's only twice-honored Member of the Year (1991 and 1997).

Former National Board of Directors member, National Association of Telecommunications Officers and Advisors (NATOA), an affiliate of the National League of Cities (Terms: 1997-2000, 1992-1994).

Former Co-chair of the Joint Task Force on Technical Standards Committee, appointed by NATOA, National League of Cities, and US Conference of Mayors to develop national cable TV system technical standards adopted by the FCC in February 1992.

Co-chair of National Technical Standards committee appointed by NATOA, National League of Cities, and US Conference of Mayors to develop the national technical standardized testing manual to determine compliance with the FCC rules.

Past Member of the Professional Development Committee of the SCTE, which develops and supervises all professional safety and technical training and education conducted by the SCTE within the U.S. and internationally.

Invited witness before the FCC in Cable TV re-regulation hearings, March 1990, representing NATOA, USCM, NACO, and ICMA.

Appointed Member, Academic Advisory Council of Abraham Lincoln University School of Law. Appointed for annual terms: 2012-2023.

Culver City Amateur Radio Emergency Service ("CCARES"). Appointed local government liaison: 2021-2023.

Certifications

Subject Matter Contributor/expert, SCTE-US Society (Outside, Inside Plant, Safety Codes).

Certified Broadcast Technologist (Society of Broadcast Engineers).

Loyal Order of the 704 (Elected Charter Member June 1994); Membership by invitation restricted to current-member-nominated and member-recognized cable engineers.

Co-Chair, SCTE's WG7 Committee developing standardized cable TV industry interpretations to the National Electrical Code.

Designated a "Public Safety Radio Technician" by the Association of Public-Safety Communications Officials – International, Inc. (APCO).

American Radio Relay League appointed Volunteer Counsel (Southwestern Division).

American Radio Relay League appointed Volunteer Examiner (Extra Class).

Greater Los Angeles Amateur Radio Group appointed Volunteer Examiner (Extra Class).

National Institutes of Health: Protecting Human Research Participants Training Certification (No. 1496637).

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Awards and Recognitions

Entity	Name of Award or Recognition	Year
FBI	FBI-Infragard Los Angeles Quarterly Threat Briefing and Meeting	2021
SCTE	Elevation to Senior Member Emeritus Status	2019
ARRL – Amateur Radio Emergency Service (ARES)	Certificate of Appreciation	2018
Abraham Lincoln Univ. School of Law	Abraham Lincoln Award Plaque of Appreciation	2016
SCAN NATOA	Board of Directors Award Service years: 2012-2013	2013
American Radio Relay League	Certificate of Recognition: 40 Years of Membership	2012
NATOA	Ovation Award	2010
SCAN NATOA	President Recognition Plaque Service years 2009-2010	2010
NATOA	Certificate of Appreciation: Friends of NATOA	2009
Automated Photo Red Light Enforcement Group	Plaque of Appreciation	2008
NATOA	Certificate of Appreciation: Facilities Siting Guide	2008
NATOA	Certificate of Appreciation: Public Safety Committee Member	2008
NATOA	Certificate of Appreciation: Public Safety Committee Member	2008
NATOA	Certificate of Appreciation: Technology Committee Member	2007

NATOA	Certificate of Appreciation: Technology Committee Member	2006
NATOA	Certificate of Appreciation: Technology Committee Member	2005
Assoc. of Environ. Profs. Orange Co. Chapter	Certificate of Appreciation: Program Presenter	2005
NATE/OSHA	5G Deployment Training Certificate	2021
NATOA	Member of the Year Award	1997
NATOA	Ovation Award	1996
SCTE	Cable Tech Expo Technical Speaker Plaque	1996
NATOA	1995 Public Interest Defense Award	1995
ΝΑΤΟΑ	Board of Director Service Award Service years: 1992-1994	1994
SCTE	Western Cable Show Technical Session Speaker Plaque	1993
NATOA	Board of Direction Service Plaque	1993
SCTE	Texas Cable Show Technical Session Speaker Plaque	1992
SCTE	Cable Tech Expo Speaker Plaque	1992
NATOA	Member of the Year Award	1991
South Orange Amateur Radio Association	Recognition Plaque Past President 1984-1986	1986
Hughes/AML	Certificate of Merit	1980
Motorola	Certificate of Achievement – MODAT (MObile DATa)	1977

Northeastern University Course Teaching and Supervision

Northeastern University	Staff Instructor Appointment	2018-2024
Northeastern University	CED6110 – Law and Economic Development	Spring 2021 Master Level
Northeastern University Thesis Supervisor	LWP7994 – Doctoral Thesis	Fall 2020 Doctoral Level
Northeastern University Thesis Supervisor	LWP7995 – Doctoral Thesis	Summer 2020 Doctoral Level
Northeastern University Thesis Supervisor	LWP6503 – Doctoral Research Design 4	Spring 2020 Doctoral Level
Northeastern University Course Instructor	RFA 6300 – Capstone: Regulatory Affairs in Food and Food Industries	Winter 2020 Master Level
Northeastern University Thesis Supervisor	LWP 6501 – Doctoral Research Design 2	Fall 2019 Doctoral Level
Northeastern University Thesis Supervisor	LWP 6500 – Doctoral Research Design 1	Summer 2019 Doctoral Level
Northeastern University Thesis Supervisor	LWP 6123 – Law and Legal Reasoning 4	Summer 2019 Doctoral Level
Northeastern University Thesis Supervisor	LWP 6501 – Doctoral Research Design 2	Summer 2019 Doctoral Level
Northeastern University Thesis Supervisor	LWP 6501 – Doctoral Research Design 2	Spring 2019 Doctoral Level
Northeastern University Course Instructor	LWP 6119 – Current Law and Policy Debates	Spring 2019 Doctoral Level
Northeastern University Course Instructor	LWP 6500 – Doctoral Research Design 1	Winter 2018 Doctoral Level
Northeastern University Course Instructor	RFA 6100 - Introduction to Regulatory Affairs of Food and Food Industries	Winter 2018 Master Level
Northeastern University Course Instructor	RFA 6100 - Introduction to Regulatory Affairs of Food and Food Industries	Fall 2018 Master Level

Doctoral Thesis Principal Investigator and Defense Chair Ms. Laura Singletary – Doctoral Candidate 2018-2020 "What is the Cost of free Speech to Washington State Community Colleges, And Who Pays that Price?"

Doctor of Law and Policy degree awarded to Ms. Singletary December 2020.

Professional and Researcher Listings

Martindale Hubble: http://www.martindale.com/Jonathan-Louis-Kramer-JD-LLM/8187752-lawyer.htm.

AVVO: http://www.avvo.com/attorneys/90025-ca-jonathan-kramer-303033.html (AVVO rating: 10-Superb).

ORCID: https://orcid.org/0000-0002-7560-2108.

Web of Science ResearcherID: https://publons.com/researcher/2492022/jonathan-l-kramer/

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Selected Representative Clients

The following is a partial list of the over 1,000 governments, public agencies and private entities that have relied upon Dr. Kramer's broadband and/or radio-telecommunications advice as a telecommunications technology advisor/inspector/expert witness since 1984, and/or as an attorney since 2006:

Cities, Counties, and Tribal Associations

Addison, IL	Bolingbrook, IL	Cincinnati, OH
Agoura Hills, CA	Bozrah, CT	Clarendon Hills, IL
Aiken County, SC	Branford, CT	Cleveland Heights, OH
Alameda, CA	Brentwood, CA	Clinton, CT
Alameda, CA Alameda County, CA	Brighton Indian Resv., FL	Cobb County, GA
Albany, CA	Bronxville, NY	Colchester, CT
Albuquerque, NM	Buena Park, CA	Colma, CA
Alcoa, TN	Buffalo Grove, IL	Colton, CA
Aliso Viejo, CA	Burleson, TX	Columbia Heights, MI
Anaheim, CA	Burlingame, CA	Commerce, CA
Antioch, CA	Burr Ridge, IL	Concord, CA
Apache Junction, AZ	Butte County, CA	Cornwall, CT
Arcadia, CA	Calabasas, CA	Corona, CA
Artesia, CA	Calimesa, CA	Coronado, CA
Arvada, CO	Camarillo, CA	Costa Mesa, CA
Aurora, CO	Campbell, CA	Culver City, CA
Aurora, IL	Canandaigua, NY	Cupertino, CA
Austin, TX	Canton, MI	Cypress, CA
Avon, OH	Capitola, CA	Darien, CT
Azusa, CA	Carlsbad, CA	Darien, IL
Bakersfield, CA	Carmel-by-the-Sea, CA	Davis, CA
Baldwin Park, CA	Carson, CA	Decatur, AL
Barrington, IL	Carol Stream, IL	Deep River, CT
Bartlett, IL	Carson, CA	Deerfield Beach, FL
Beaverton, OR	Casper, WY	Denver, CO
Bellbrook, OH	Cathlamet, OR	Diamond Bar, CA
Bellflower, CA	Cedar Lake, IN	Donna, TX
Bellingham, WA	Centerville, OH	Downers Grove, IL
Benicia, CA	Cerritos, CA	Duarte, CA
Berkeley, CA	Cincinnati, OH	Dublin, CA
Bethel, AK	Chelan, WA	Dubuque, Iowa
Beverly Hills, CA	Cheshire, CT	DuPage County, IL
Big Bear Lake, CA	Chester, CT	Durango, CO
Big Cypress Indian Resv., FL	Chico, CA	Durham, CT
Birmingham, AL	Chino Hills, CA	Dyer, IN
Bloomingdale, IL	Chino, CA	Eagan, MI
Blount County, TN	Chula Vista, CA	East Granby, CT
Diouni County, 11,		Lust Grundy, CI

East Haven, CT East Windsor, CT Eastchester. NY Easton, CT El Monte, CA Elburn, IL Elk Grove Village, IL Elmhurst, IL Encinitas, CA Enfield, CT Escondido, CA Essex, CT Everett, WA Fairfax, CA Federal Way, WA Flora, IL Fort Wayne, IN Fountain Valley, CA Franklin, CT Franklin, KY Fremont, CA Fresno, CA Fullerton, CA Galena, IL Garden Grove, CA Gardena, CA Germantown, OH Gilbert, AZ Glen Ellyn, IL Glendale Heights, IL Glendale, CA Glenwood, IL Goleta, CA Goshen, CT Granby, CT Greenfield, WI Greenville, IL Greenwich, CT Greenwood Village, CO Griffith. IN Grover Beach, CA Guilford, CT Hacienda Heights, CA Haddam, CT Half Moon Bay, CA

Hanover Park, IL Hartland, CT Haverhill. FL Hermiston, OR Hermosa Beach, CA Hesperia, CA Hidden Hills, CA Highland Park, IL Highland, CA Highland, IN Hillsborough, CA Hinsdale, IL Hobart, IL Hoffman Estates, IL Hollywood, FL Homewood, AL Homewood, IL Huntington Beach, CA Hunts Point, WA Immokalee Indian Resv., FL Indian Wells, CA Inglewood, CA Irvine, CA Itasca, IL Kettering, OH Killingworth, CT King County, WA La Canada Flintridge, CA La Grange, IL La Habra Heights, CA La Mesa, CA La Puente, CA La Quinta, CA Lacy, WA Lafayette, CA Laguna Beach, CA Laguna Niguel, CA Lake County, IL Lake County, IN Lake Oswego, OR Lake Station, IN Lakewood, OH Las Cruces, NM Las Vegas, NM Lawndale, CA

Lemont, IL Lisbon, CT Lisle, IL Litchfield, CT Live Oak, TX Livermore, CA Lombard, IL Lompoc, CA Lone Tree, CO Long Beach, CA Longmont, CO Los Alamos, CA Los Alamos County, NM Los Altos, CA Los Angeles County, CA Los Angeles, CA Louisville, CO Loveland, CO Lowell, IN Lynchburg, VA Mackinaw Island, MI Madera, CA Madison, CT Malibu, CA Manhattan Beach, CA Maryville, TN McKenney, TX McMinnville, OR Mentor, OH Merced, CA Meriden, CT Merrillville, IN Miamisburg, OH Michigan City, IN Middlebury, CT Milpitas, CA Minooka, IL Mission Viejo, CA Modesto, CA Monrovia, CA Monterey, CA Monterey County, CA Moorpark, CA Moreno Valley, CA Morris, CT

Mount Carmel, IL Mount Orab, OH Mount Prospect, IL Mountain View, CA Mundelein. IL Munster, IN Murrieta, CA Napa, CA Naperville, IL National City, CA New Canaan, CT New Castle County, DE New Haven, CT New Martinsville, WV New Orleans, LA Newport Beach, CA Newton Falls, OH Niles, IL No. Branford, CT No. Haven, CT Norfolk, VA North Aurora. IL Norwalk, CT Norwich, CT Novato, CA Oak Brook, IL Oak Park, IL Oakbrook Terrace, IL Oakwood, OH Oceanside, CA Ojai, CA Old Saybrook, CT Olean, NY Olympia, WA Opelika, AL Orange County, CA Orange, CA Orinda, CA Oroville, CA Oxnard, CA Paducah, KY Palo Alto, CA Palm Springs, CA Palos Verdes Estates, CA Paris, IL

Park Forest, IL Pasadena, CA Payson, AZ Peoria County, IL Petaluma, CA Pismo Beach, CA Philadelphia, PA Pico Rivera, CA Piedmont, CA Piqua, OH Pittsburg, CA Placentia, CA Pleasant Hill. CA Plymouth, CT Plymouth, MN Port Townsend, WA Portland, OR Portola Valley, CA Poway, CA Preston, CT Prospect, CT Raleigh, NC Rancho Palos Verdes, CA Redding, CT Redlands, CA Redondo Beach, CA Rialto, CA Rio Rancho, NM Richmond, CA River Oaks. TX Riverside, CA Rochester, MI Rolling Hills Estates, CA Rolling Meadows, IL Roselle, IL Roseville, MI Ross, CA Salem. IL San Anselmo, CA San Antonio, Texas San Bernardino Co., CA San Bernardino, CA San Clemente, CA San Diego County, CA San Diego, CA

San Francisco, CA San Joaquin, CA San Juan Capistrano, CA San Luis Obispo County, CA San Luis Obispo, CA San Anselmo, CA San Marcos, CA San Pablo, CA San Rafael, CA San Ramon, CA Sandoval County, NM Santa Ana, CA Santa Barbara County, CA Santa Barbara, CA Santa Clara, CA Santa Clarita, CA Santa Cruz County, CA Santa Cruz, CA Santa Fe, NM Santa Maria, CA San Mateo, CA Santa Monica, CA Sausalito, CA Schaumburg, IL Schererville, IN Seaside, CA Seattle, WA Sebastopol, CA Shoreham, MA Signal Hill, CA Simi Valley, CA Sistersville, WV Solana Beach, CA Solon, OH Somers, CT South Gate, CA South Lake Tahoe, CA South Pasadena, CA Southington, CT Spokane, WA Springboro, OH St. Charles, IL St. John, IN St. Louis, MO Stafford, CT

Sugar Grove, IL Sunnyvale, CA Sutter County, CA Temecula, CA Thousand Oaks, CA Thurston County, WA Tiburon, CA Tipp City, OH Torrance, CA Torrington, CT Troy, OH Tuckahoe, NY Tucson, AZ Tumwater, WA Tustin, CA Union, CT Vacaville, CA Vail, CO Ventura County, CA Vernon, CA

Victoria, Texas Villa Park, CA Villa Park, IL Virginia Beach, VA Vista, CA Wallingford, CT Walnut Creek, CA Walnut, CA Warren, CT Warrenville, IL Waterbury, CT Waterford, MI Waterford, MN Watertown, CT Watsonville, CA Wayne, IL West Allis. WI West Carrollton, OH West Chicago, IL West Covina, CA

West Frankfort, IL West Hollywood, CA West Milton, OH West Palm Beach, FL Westbrook, CT Westmont, IL Weston, CT Westport, CT Wheaton, IL White Plains, NY Willowbrook, IL Wilmette, IL Wilton, CT Windsor Locks, CT Winfield, IL Wolcott, CT Wood Dale, IL Woodridge, IL Yorba Linda, CA

Federal and State Agencies; Military; Associations and Private Entities

Adam Business L.P. **ADR** Properties All Storage of Elk Grove Arne's Distributors Asif Sharfi Auburn Manor Holding Corp. **Bald Mountain Communications** Banning Holdings, LLC **Barry Barnes Basin Street Properties** Bay Side Holdings LLC BB&G Farms, LLC **Berbay** Corporation **Belmont** Towers Bethlehem Evangelical Lutheran Church **Bidwell Storage Big Rock Inn** Blake & Associates Canyon Creek Farm LLC **CAP** Investments California Water Company Captain Dave's Legacy, LLC

Carmel Area Wastewater District Carousel Broadcasting, LLC Chris Hicks Church of the Trinity MCC Cinnabar Hills Golf Club Communications Workers of America **Conejo Regional Park District Connecticut Siting Council** Cory Pence, MD **CRV** Classic Properties **Cypress Fire Protection District Cypress Office Properties DAK Realty** Derich Schultz Diane Morley **DNS** Corporation **Emergency Ambulance Service Inc** Federal Communications Commission First Christian Church Friar Office Building Gateway Cities Council of Governments Geltmore, LLC

Gonser Family Trust **Gonzales Family Trust** Gracepoint Ministries Grundy Industrial Complex, Inc. Hancock County Land, LLC **HP** Investors James Ouinlan JC Resorts Journal Square Realty Corp KASL Technology LLC Keith Walker KMD Storage Properties, Ltd. Koach Farm, LLC KRLY Radio La Jolla Pacific Development La Lupita Bakery, Inc. Lake Merritt Loge, LP Las Virgines School District Le Melange HOA League of Arizona Cities and Towns League of California Cities League of Oregon Cities Lockaway Storage Long Brothers Farm Los Angeles Police Department Lou Ann McKenzie Lupe Preciado, Esq. Mark Wilde McC Properties West Moore Properties et al Corp Monterey Bay Aquarium Moraga Properties Mount Soledad Presbyterian Church Municipal Services Associates National Association of Counties National Assoc. of Telecom. Off. and Advisors National Church Residences National League of Cities New Mexico Municipal League New Mexico Water Company NCH Galewood, LLC N P Limited Partnership Noon2 LLC Olsen Company Olympic Resources

One Oak LLC Orange County Vector Control District Otay Water District **Oxnard Union School District** People's Union LLC Pilgrim Plaza, LLC Pinnacle Lease, LLC Plaza Three General Partnerships, LLC Promontory Associates, GP Prospect Square Council of Unit Owners **Reed Electric Richard Boyles Riverside** Properties Rogue Community College **Rolling Hills Community Association** Ronald Lombardi Roseville Joint Union High School District San Jose Country Club Santa Luz Maintenance Association Santa Rosa Country Club SB Plaza LLC Science Projects Corp. Scottish Rite Cathedral Long Beach Scottish Rite Cathedral Association of Pasadena Sea Pins Golf Course Seattle Fabrics Seventh-day Adventists – S.E. CA Conf. Silver State Schools Credit Union **Skan Enterprises** Society of Cable Telecom Engineers South Bay Film and Video Services Stafford LLC Stephen Bonanno State of Connecticut DPUC State of Michigan PUC Surf City Ventures, LLC Sylvan Homes, LLC T3 Capital LP Tim Carrico Tombstone Territories, LLC Tube Art Group U.S. Department of Justice U.S. Marine Corps, San Diego, CA U.S. Marine Corps, Twentynine Palms, CA U.S. Navy, Lemoore, CA

U.S. Navy, San Diego, CA U.S. Navy; Monterey, CA Ukiah Elks Building Development Corp. United States Army, Ft. Irwin, CA United States Conference of Mayors Valle Vista Condo Association VAM Investments Washington Water Company Waterman Palm Square LLC West Covina United Methodist Church Westar Associates Western Care Wolf Seeberg Video Yosemite Pines RV Park 98 Crescent LLC

Litigation Where Dr. Kramer Served as Trial Counsel, Trial Consultant, and/or Expert Witness

Adelphia Cable v. City of Thousand Oaks (Retained by City) Alaska National Insurance Co. v. GCI (Retained by Alaska National Ins.) American Tower v. Bruno (Retained by Bruno) Armstrong/McEachron v. Cazcom (Retained by Armstrong) AT&T Wireless v. City of Carlsbad (Retained by City) AT&T Wireless v. City of San Diego (Retained by City) Bay Area Cellular v. City and County of San Francisco (Retained by City) Booth American v. United States Army (Retained by U.S. Department of Justice) Cox Communications Inc. v. City of Solana Beach (Retained by City) Crown Castle v. City of Calabasas (Retained by City) Crown Castle v. City of Malibu (Retained by City) Crown Castle v. Town of Hillsborough (Retained by Town) Jonathan Cruson v. TXU Electric Company (Retained by Cruson) Cudworth v. Midcontinental Communications (Retained by Cudworth) D.B. Cable v. Kalma Busk (Retained by Busk) Esborg v. AT&T, et al (Retained by Esborg) CGC16-553614 Evergreen v. San Diego Gas & Electric, et al (Retained by Evergreen) Extenet Networks v. City of Burlingame (Retained by City) GTE Mobilnet v. City and County of San Francisco (Retained by City) Guller v. Trow (Retained by Guller) Illinois RSA 3 v. Peoria County, Illinois (Retained by County) In Re: Anthony Skeen Ellsworth (Retained by Bankruptcy Trustee) Jones Intercable v. City of Chula Vista (Retained by City) League of California Cities, et al v. FCC (Retained by League of California Cities) Malencon v. Cox Communications (Retained by Malencon) Marcus Cable Associates v. City of Glendale (Retained by City) Mejia-Gutierrez v. Comcast (Retained by intervenor Seabright Insurance Co.) MetroPCS v. City and County of San Francisco (Retained by City) New Cingular Wireless v. City of Simi Valley (Retained by City) NewPath Networks v. City of Davis (Retained by City) 2:10-CV-00236 NewPath Networks v. City of Irvine (Retained by City) Nextel v. City of San Diego (Retained by City) NextG Networks v. City of Huntington Beach (Cases 1&2) (Retained by City)

Omnipoint Communications, Inc. v. City of Huntington Beach (Retained by City) Omnipoint v. Garden City, Michigan (Retained by City) Omnipoint v. City of Pasadena, CA (Retained by City) Pacific Bell v. City of Livermore (Retained by City) Pemerton v. New Towers, LLC (Retained by Pemerton) People's Union LLC v. T-Mobile (Retained by People's Union LLC) People v. Arzoumanian (retained by Arzoumanian) Playboy Enterprises v. United States (Retained by FCC and the U.S. Department of Justice) Qwest v. City of Berkeley (Retained by City) Qwest v. City of Santa Fe (Retained by City) Roddy King v. AT&T (Retained by King) Schaff Dev. Group v. S.E. Fla. Cable, Inc., dba Adelphia Cable (Retained by Schaff) Sierra East Television v. Westar Cable (Retained by Sierra East) Skyway Towers v. City of McKinney, Texas (Retained by City) Skyway Towers v. North Buffalo Township (Retained by Township) Sprint v. City of La Canada Flintridge (Retained by City) Sprint v. City of Palos Verdes Estates (Retained by City) Sunesys, LLC v. City of Huntington Beach (Retained by City) TelePacific v. Covad/MegaPath (Retained by TelePacific) T-Mobile v. Peoples Union (Retained by Peoples Union) T-Mobile et al v. City and County of San Francisco (Retained by City) T-Mobile v. City of Albuquerque (Retained by City) USDC 1:08 CV-01212 T-Mobile v. City of Gardena (Retained by City) T-Mobile v. City of Huntington Beach (Cases 1&2) (Retained by City) T-Mobile v. City of Inglewood (Retained by City) CV09-6961 T-Mobile v. City of Los Angeles (Retained by City) USDC CV-100-2523 T-Mobile v. City of Thousand Oaks (Retained by City) T-Mobile v. County of Los Angeles (Retained by County) T-Mobile v. Glen View Club Association (Retained by Glen View) West Covina v. Charter Communications (Retained by City)

Selected Published Articles Authored by Dr. Kramer

Wireless Site Project Plans With Stolen PE Stamps?	Florida Board of Prof. Engr's. Connection April 2019
Cellular Tower Site Leasing: Avoiding Bear Traps	New Mexico Lawyer May 2017
Indoor iDAS and Wireless Site Permitting Ducks are Ducks	Inside Towers 2016
Lawyers Weigh in on Supreme Court's Aereo Ruling	Law 360 2014

AGL Tower of the Month: Marrakesh, Morocco	AGL Magazine 2014
What Landlords Should Know About Cell Site Leasing	Real Property Law Journal State Bar of California 2013
DAS All Folks	AGL Magazine 2012
A Practical Guide to Radio Frequency Emissions Safety	Public Law Journal State Bar of California 2009
Radio Frequency Emissions Safety – A Practical and Practice Guide	NATOA 2009
Use a Cell Phone Jammer and Get Jammed Up With the FCC	Ezinearticles.com 2008
Your California Cable TV Company Missed an Appointment? The Law Protects Cable TV Subscribers	Ezinearticles.com 2008
You Just Received An FCC Violation Notice - Now What?	Ezinearticles.com 2008
A Modern Game of Hide and Seek	AGL Magazine 2007
Give Me Your Bond	Communications Technology Magazine 2007
Picture Quality in the Digital World: A lost Science?	NATOA Journal 2007
From Analog to IP and Beyond: Cable's First 60 years	NATOA Journal 2005
Is the Telecom Explosion Putting Governments at Risk?	Municipal Lawyer Magazine July 2004
Seeing the Forest Through The Cell Trees	Public Management 2004

Effective Management of a Cable TV Rebuild/Upgrade in Your Community	NACO County News 2004
FCC Cable TV Technical Standards: A Big Snoozer?	NATOA Journal Spring 2004
Leveling the Playing Field for Cable TV Franchise Renewals	Public Management Magazine 2003
A Local Government Official's Guide to Transmitting Antenna RF Emission Safety: Rules, Procedures, and Practical Guidance	Federal Communications Commission 2000
An (almost) 'No-Technobabble' Review of New FCC Technical Standards effective June 30, 1995	NATOA 1995
Kramer's Cable TV Construction Companion	Comm. Supp. Corp. 1994
A Cable Construction Primer for the Local Government Official	Comm. Supp. Corp. 1994
Acknowledgements: CED Tech Standards Supplement	CED Magazine 1993
Sun Outages in Early March 93 – What Are They; Why They Cause Picture Loss	Comm. Supp. Corp. 1992
Preparing for a Municipal Inspection of Your System: A Guide for the Technical Manager	NCTA Technical Seminar 1992
Understanding and Identifying CATVI How to Find it and Fix It	American Radio Relay League 1991
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Selected TV Shows/Radio Broadcasts/Articles/Podcasts Referencing Dr. Kramer

Torrance City Council Approves Cell Tower Despite Neighbors' Protect	Daily Breeze September 28, 2023	2023
Old Fears of RF Radiation Resurface In New Report	Inside Towers December 7, 2022	2022
Communities to Seek Second Calif. Small-Cell Veto	Communications Daily September 7, 2021	2021
Dr. Jonathan Kramer – The Wireless Boogeyman Pt 2	CALWA Podcast September 1, 2021	2021
Dr. Jonathan Kramer – The Wireless Boogeyman Pt 1	CALWA Podcast August 17, 2021	2021
Municipalities and Carriers: Are We Getting Along?	AGL April 22, 2021	2021
Small Cell Providers Must Please Multiple Stakeholders	AGL April 21, 2021	2021
SMITHEREENS: Reflects on Bits and Pieces	Berkeley Daily Planet November 21, 2020	2020
Bill Mandates Backup Power at California Cell Towers	AGL October 27, 2020	2020
Edge Computing Is the New Frontier of the Internet	AGL May 7, 2020	2020
5G Cancer Scare: the 2020 Trend No One is Talking About	AGL January 16, 2020	2020
Four New Emeritus Members	SCTE Interval December 2019	2019
After 1,825 Days, Verizon Finally Gets Tower Approval	Inside Towers September 13, 2019	2019
Letters/Opinion: September 2019	Encinitas Advocate September 27, 2019	2019

Concerns Raised over City Consultant	Berkeley Daily Planet August 30, 2019	2019
Coronado is "Ahead of the Game" Regarding Small Cells	Inside Towers June 17, 2019	2019
City Council Hears Public's Concerns Over Wireless Facility Installations	Coronado Eagle & Journal June 13, 2019	2019
It Sure Is Tricky Getting Answers	Coronado Eagle & Journal July 12, 2019	2019
Budget, Wireless Facilities, and Historic & Construction Issues Dominate City Council Meeting	Coronado Times June 6, 2019	2019
There are ways around FCC regulations	Thousand Oaks Acorn June 6, 2019	2019
Some local officials frustrated with eroding of local Control by FCC and state pot bureau	Ventura County Star June 2, 2019	2019
Local cities urge California senators to help Overturn FCC 5G rollout rule	Ventura County Star May 31, 2019	2019
Thousand Oaks posts 5G web page in Part to correct public 'misinformation'	Ventura County Star May 10, 2019	2019
Residents sending out distress signal signal over 5G	Simi Valley Acorn April 12, 2019	2019
Simi welcomes big wireless, no consideration for residents	Simi Valley Acorn April 5, 2019	2019
California Supreme Court Rules Against Wireless Industry	AGL eDigest Newsletter April 4, 2019	2019
Crown Castle sues Torrance over 5 permits to install 5G network cell nodes	Daily Breeze April 2, 2019	2019
Simi City Council lacks courage	Ventura County Star March 29, 2019	2019
5G wireless technology is coming to Ventura County — not everyone is happy about it	Ventura County Star March 28, 2019	2019

Cell tower influx a cause for concern	Thousand Oaks Acorn March 21, 2019	2019
Expert predicts wave of wireless to hit T.O.	Thousand Oaks Acorn March 14, 2019	2019
Orinda jumps into global battle for Telecommunication supremacy	Orinda Weekly March 6, 2019	2019
Burbank residents air concerns regarding 5G telecommunication devices	Los Angeles Times February 15, 2019	2019
City Planning 5G Wireless Infrastructure	Portland Business Tribune January 21. 2019	2019
Council clarifies signal on new cell phone antennas	Santa Monica Daily Press December 1, 2018	2018
AGL Local Summit Panel Backs Market Rates for Small Cells	AGL Media Group October 4, 2018	2018
'A Billion here'	AGL Media Group September 24, 2018	2018
2018 Kansas City Summit Speakers	AGL Media Group August 20, 2018	2018
How 38,000 in Redding got word and fled in the Carr Fire 'gridlock and pandemonium'	Sacramento Bee July 27, 2018	2018
GV City Council struggles with cellphone towers and equipment	The Villager July 25, 2019	2018
Indian Tribes Battle for Say in 5G Equipment Rollout	Bloomberg News June 25, 2018	2018
Sprint, Mobilitie to Pay \$11.6M to Settle FCC Probes	Bloomberg Law April 10, 2018	2018
The Price Was Not Right! California Small Cell Bill Vetoed	AGL Media Group October 18, 2017	2017

UPDATE: Governor Shuts Down Telecom Bill That Would Have Streamlined "Small-Cell" Installations Statewide	Long Beach Post October 19, 2017	2017
Deadly California Wildfires Ignite Issues with Emergency Alert Systems	Inside Towers October 18, 2017	2017
Northern California wildfires expose emergency alert weaknesses in cellphone	Sacramento Bee October 15, 2017	2017
23 News at 6 PM (Bakersfield, CA; ABC) SB649 Press Conference	KERO TV September 15, 2017	2017
24 News at 6PM (Fresno, CA, NBC) SB649 Press Conference	KSEE TV September 15, 2017	2017
Eyewitness News at 5 PM (Los Angeles, ABC) SB649 Press Conference	KABC TV September 15, 2017	2017
Local Leaders Oppose SB 649 Boost For Telecom Companies	The Grunion September 8, 2017	2017
Local Leaders Opposed Proposed New Rules for Telecommunications Firms	KMJ Radio September 1, 2017	2017
Local Cities Fight Bill Limiting Cell Antenna Leases	The Business Journal September 1, 2017	2017
Long Beach Joins Hundreds of California Cities Opposing Small-Cell Senate Bill	Long Beach Press-Telegram August 30, 2017	2017
Local leaders oppose state law that could turn utility poles into cell phone towers	Daily Breeze August 30, 2017	2017
City Council Goes to Cell Tower College	Piedmont Post August 23, 2017	2017
Sprint memo: facilities were installed Without 'prerequisites'	Telecommunications Rpts. May 15, 2017	2017
CTIA shrinks the size of a pizza box To get the FCC to deliver small cells	Wireless Estimator April 19, 2019	2017

Cincinnati Seeks Developers to Create Smart City Platform With Free Wi-Fi	Government Tech Magazine March 27, 2017	2017
Comcast, Verizon outages now on regulators' radar: Experts say complaints keep companies accountable	Half Moon Bay Review February 7, 2017	2017
Why wasn't there enough cell phone coverage at the Women's Marches on January 21st? Low-power TV stations serving niches could cede airways to Wi-Fi	Medium.com January 22, 2017 San Francisco Chronicle January 14, 2017	2017 2017
State Supreme Court Will Hear Case That Could Decide Future Of Local 5G Networks and Laws About City Aesthetics	SFist December 22, 2016	2016
In T-Mobile wireless Equipment Dispute, San Francisco Wins on Aesthetics	Bloomberg/BNA September 20, 2016	2016
What Wilsonville Wants: Better Coverage, No Eyesores and More Revenue	Inside Towers August 29, 2016	2016
Faster coverage versus long-term aesthetics for Wilsonville	Portland Tribune August 24, 2016	2016
Sprint's Wireless Fix: More Telephone Poles	Wall Street Journal June 8, 2016	2016
T-Mobile commits to small cells as groundwork for 5G (Image use)	RCR News May 24, 2016	2016
Sprint small cell delays could impact other carriers	RCR News May 12, 2016	2016
Federal regulators condition approval of Charter-TWC Merge	Daily Journal April 26, 2016	2016
6409 Supplement	Medium.com January 18, 2016	2016
4th Circuit Court Upholds FCC's Infrastructure Order	AGL Magazine December 30, 2015	2015
Americans are paying more for broadband Speed but getting Less	Los Angeles Times October 30, 2015	2015

California Governor Signs Bill Streamlining Siting	AGL Media Group October 14, 2015	2015
The Tower of Power (Small Firm Profile)	Daily Journal August 14, 2015	2015
Dot-law up for grabs, but efficacy doubted	Daily Journal August 14, 2015	2015
California Municipalities Push Back Against Cell Tower Bill	AGL Media Group July 16, 2015	2015
Wireless Siting Bills Pas State Legislatures	AGL Magazine July 2, 2015	2015
City Addresses Concerns Over Wireless Carriers Crowding Wooden Poles	Hoodline April 23, 2015	2015
Small cell, DAS Pacts Seen Beneficial to Entities	Telecommunications Rpts. April 15, 2015	2015
Calabasas reprograms wireless ordinance	The Acorn April 2, 2015	2015
Daily Business Report-March 26, 2015	San Diego Metropolitan March 26, 2015	2015
Model Ordinance to Help Muni's in Wireless Siting	AGL Media Group March 17, 2015	2015
Telecom Law Firm hangs shingle in San Diego	Daily Journal March 24, 2015	2015
Model Ordinance to Help Muni's in Wireless Siting	AGL News March 17, 2015	2015
Lawsuits Fly Over FCC Tower Siting Order	AGL News March 17, 2015	2015
FCC Guidance Attempts to Reconcile Mobile Data Needs with Municipal Zoning Concerns	Daily Journal February 9, 2015	2015
Don't Go Local	RCR Wireless News January 30, 2015	2015

Workshop Explores Cell Tower Safety, Laws	Santa Cruz Sentinel January 29, 2015	2015
Workshop to Address Cell Tower	Register Pajaronian January 23, 2015	2015
Ojai Aims to Restrict Cellphone Towers Within Limits of New Federal Rules	Ventura County Star January 21, 2015	2015
Ojai Weights Rules to Regulate Cellphone Towers	Ventura County Star January 17, 2015	2015
Local government, industry reps mull Section 6409(a) implementation	Telecommunications Rpts. December 1, 2014	2014
Wheeler emphasizes zoning, right-of-way issues in speech to local telecom officials	Telecommunications Rpts. October 15, 2014	2014
Wheeler Rallies MUNIs to Support Streamlined Broadband Deployment	AGL News October 2, 2014	2014
Attorneys Help Broadcast Companies Manage Tax Issues from Mergers and Acquisitions	Daily Journal September 9, 2014	2014
California Questions Comcast-Time Warner Deal	Daily Journal August 29, 2014	2014
Pleasant Hill Approves Cell Tower over Neighbor' Objections	Contra Costa Times August 5, 2014	2014
Council Adopts Cell Tower Regulations	The Coast News July 23, 2014	2014
Commission Endorses Cell Tower Ordinance in San Marcos	The Coast News July 1, 2014	2014
Broadcasters Worry Over Planned Auction	Daily Journal June 25, 2014	2014
Planning Commission will look at proposed cell tower ordinance	The Coast News June 19, 2014	2014
Ojai Council Debates Fire Code Calling for Sprinkler Installation on New Construction	Ventura County Star May 14, 2014	2014

More Gadgets, Data Fueling Wireless Applications In Thousand Oaks	Ventura County Star April 17, 2014	2014
Los Angeles Sues Time Warner Cable over Fees	Multichannel News March 14, 2014	2014
Technology May Curb Cell Tower Angst	San Diego Union Tribune March 9, 2014	2014
Cell Tower Going In At Wildflower Playfield	Thousand Oaks Acorn March 1, 2014	2014
Ojai Council Backs Residents who Oppose Proposed Cell Tower	Ventura County Star February 12, 2014	2014
Residents Embrace Proposed Antenna Law	San Diego Union Tribune December 12, 2013	2013
Industry Leaders Give 2014 the Crystal Ball Treatment	AGL Magazine December 2013	2013
NATOA Panel: Local Authority at Risk Under FCC NPRM	Telecommunications Rpts. November 15, 2013	2013
The No Longer Hidden Cost of Wireless Technology: Which Way, L.A.?	KCRW Radio October 29, 2013	2013
San Marcos Considers Antenna Rules	San Diego Union Tribune October 23, 2013	2013
Large Cell Towers Sparking Debate	San Diego Union Tribune October 22, 2013	2013
FCC Looks to Speed Wireless Build Out	AGL Bulletin October 3, 2013	2013
Cable Companies to Increase Wi-Fi Deployments	AGL Bulletin July 10, 2013	2013
City Council Approves Verizon Monopine Cell Tower	Calabasas Patch June 28, 2013	2013
Wireless Industry Celebrates, Muni's Ponder Shot Clock Ruling	AGL Media Group June 6, 2013	2013

Local Authorities Battle for Control Over Cellphone Towers	Los Angeles Daily Journal May 31, 2013	2013
Bill Codifies Streamlined Collocations in California	AGL Bulletin April 12, 2013	2013
FCC's guidance on site modifications won't settle much	Fierce Broadband Wireless January 30, 2013	2013
Burbank's Much Ballyhooed Cell Tower Ordinance Takes Effect	Burbank Leader January 10, 2013	2013
Cable TV Will Make a Run at Cleaning DAS's Clock	AGL Bulletin December 28, 2012	2012
Law would Remove Local Control of Tower Collocations	AGL Media Group December 16, 2012	2012
Municipality Ponders Selling Tower Leases	AGL Bulletin December 10, 2012	2012
AGL Wireless Infrastructure Conference	AGL Media Group November 30, 2012	2012
iDEN Lease Terminations Would Leave Equipment on the Tower	AGL Media Group October 3, 2012	2012
Imaginary Cell Tower in Lake Wildwood for Lease	YubaNet.com July 26, 2012	2012
Decision on T-Mobile tower put on hold	Thousand Oaks Acorn April 25, 2012	2012
Las Cruces city council grapples with cell phone tower locations	Las Cruces Sun-News April 9, 2012	2012
MCTRJCA Section 6409	AGL Magazine April 2012	2012
This industry win on tower siting is Primed for debate	FierceWireless March 28, 2012	2012
Cell Tower Blues	The Acorn February 16, 2012	2012

Law Would Remove Local Control of Tower Collocations	AGL Bulletin February 21, 2012	2012
Antonovich Calls for Time Out on Cell Tower Shot Clock	Santa Clarita Valley News February 6, 2012	2012
Bribes and LTE: the Bizarre Case of LightSquared, Obama, and the USAF	Daily Tech January 24, 2012	2012
FCC, NATOA Workshop to Deep Dive DAS, Small Cell Regs	AGL Media Group January 18, 2012	2012
Confronting the Growing Demand for Wireless	Lamorinda Weekly December 21, 2011	2011
No Love for Wireless Consultant	The Acorn November 10, 2011	2011
Calabasas wireless consultant comes under heavy fire	The Acorn November 3, 2011	2011
Council Votes to Rehire Wireless Consultant	Calabasas Patch October 27, 2011	2011
Residents fighting cell tower proposed for Triunfo Park	Thousand Oaks Acorn October 21, 2011	2011
Wireless Message	The Acorn October 20, 2011	2011
This Is What Jeff Bezos Should Tell Congress About Amazon Silk	Forbes October 16, 2011	2011
AT&T Bid for T-Mobile Faces Rhodes-Scholar Review in California	Bloomberg August 10, 2011	2011
Local matter or federal case? The network of cell tower regulation in California	Miller & Star June 27, 2011	2011
Walnut Creek Set to make decision Tuesday on controversial cell tower	Contra Costa Times June 20, 2011	2011
Walnut Creek Cell Tower Site Controversy Continues	Walnut Creek Patch June 16, 2011	2011

City Wants Clear Understating on Cell Towers	The Acorn June 2, 2011	2011
Council Orders New Draft of Cellphone Tower Ordinance	The Patch May 26, 2011	2011
UPDATE: Buena Vista Residents Protest Against Cell Phone Tower Proposal	The Patch April 19, 2011	2011
Buena Vista Residents to Stage Protest Against Cell Phone Tower	The Patch April 18, 2011	2011
Cell towers put us at risk, but L.A. leaders won't act	Daily News - Los Angeles April 10, 2011	2011
Lawsuit Tests Mettle of FCC Shot Clock	AGL News April 1, 2011	2011
Planning Commission Postpones Vote on New Cell Tower Regulation	Calabasas Patch March 19, 2011	2011
House Subcommittee Vote Unlikely to Impede Net Neutrality Rules	E-Commerce Times March 10, 2011	2011
City Considers Requiring a Master Plan for Cell Tower Development	AGL Media Group December 1, 2010	2010
San Francisco's Phone-Radiation Law Sparks Proposals in California, Oregon	Bloomberg August 4, 2010	2010
Shot Clock Changes Little for Cities, Carriers	Wireless Week June 12. 2010	2010
Shot Clock Changes Little for Cities, Carriers	Design World June 12. 2010	2010
FCC Finds New Way to Bring Broadband Under Its Umbrella	E-Commerce Times May 6, 2010	2010
San Marcos: Planning Commission Postpones cell tower decision	San Diego Union Tribune April 6, 2010	2010
Net Neutrality Takes One on the Chin	E-Commerce Times April 6, 2010	2010

Hidden Towers	L.A. Business Journal Sept. 7, 2009	2009
Cell Phone Signals Coming in Disguise	Chino Hills News September 1, 2009	2009
Cell phone towers sneaking into Inland neighborhoods in disguise	Press-Enterprise August 30, 2009	2009
Apple Keeps Google Voice for iPhone on the Table	MacNewsWorld.com August 24, 2009	2009
Wireless Technology Advances Rely on Cities, Counties	PublicCEO.com June 20, 2009	2009
RIAA, YouTube, China: Plotting New and Creative Ways to Separate You From the Internet	E-Commerce Times March 28, 2009	2009
Fiber Makes New York Cable Market Competitive	Heartland.org February 1, 2009	2009
Editor's Letter: Safe Predictions	Communications Technology December 15, 2008	2008
SCTE Announcements	CT Pipeline November 11, 2008	2008
Status Report: Leakage Detection	Communications Technology November 15, 2008	2008
Status Report: Leakage Detection	CableFax November 1, 2008	2008
Why Your Clock Radio is All Abuzz About Your iPhone	O'Reilly Community October 27, 2008	2008
9 th Circuit Endorses Local Antenna Siting Regulation	CA Planning & Dev. Rpt. October 10, 2008	2008
Comcast Takes FCC Bull by Horns in Throttling Battle	E-Commerce Times September 5, 2008	2008
Comcast Rations Broadband Use at 250 GB per Month	E-Commerce Times August 29, 2008	2008

NebuAd makes meal of opt-out cookie	TheRegister.co.uk July 9, 2008	2008
Law Enforcement Use of Cell Info Raises New Privacy Concerns	Info Tech & Telecom News July 2008	2008
Safari Plagued By Bugs, Accidental Violation of Its Own EULA	Daily Tech March 27, 2008	2008
Apple forbids Windows users from installing Safari for Windows	TheRegister.com March 26, 2008	2008
Broadband: Transient Voltage Surge Protection	Communications Tech. Mag. March 15, 2008	. 2008
AT&T Will Replace Batteries After Fires	Multichannel News January 19, 2008	2008
AT&T Replacing Outdoor Batteries After Explosions	Multichannel News January 15, 2008	2008
Praise for Bonding (Editorial)	CT's Pipeline November 20, 2017	2007
Pipeline Profile: Jonathan L. Kramer, Esq. Keepin' 'Em Honest	CableFax October 30, 2007	2007
Verizon launches US appeals court at Google-backed wireless plan	TheRegister.com September 15, 2007	2007
FCC Wireless Plan Torpedoed by Google-Loving Mega-Startup	TheRegister.com September 27, 2007	2007
Municipal Wifi After the Pop	DailyWireless.com September 13, 2007	2007
Free-wireless startup to attack FCC	TheRegister.com September 7, 2007	2007
Cell Phonies	National Geographic Mag. September 2007 issue	2007
Law backs iPhone hackers	The Inquirer August 29, 2007	2007

Teen Who Cracked iPhone Trades it For Car And Job, As Potential Lawsuit looms	Digital Journal August 29, 2007	2007
Why Apple Can't Stop iPhone Hackers	Business Week August 28, 2007	2007
Future holds cable choices	The Island Packet July 8, 2007	2007
City seeks resolution over cell issue	The Acorn April 26, 2007	2007
"Do Diligence"	Multichannel News April 23, 2007	2007
System of the Year: Cox Orange County/Palos Verdes	Communications Tech. Mag April 15, 2007	. 2007
Our past, the future	Seattle Weekly October 9, 2006	2006
Redevelopment Reform Approved: Legislature Passes Biggest Changes Since 1993 Overhaul	CA. Planning & Dev. Rpt. October 1, 2006	2006
Broadband Soapbox: Franchise Authorities, How Goes?	CT Pipeline February 21, 2006	2006
Letters to the Editor	CT Pipeline October 18, 2005	2005
Charter's city cable franchise in jeopardy	Glendale News-Press October 12, 2005	2005
Letters to the Editor: Lawyers and Technicalities	CT Pipeline October 11, 2005	2005
City answers call for cell phone solution	Ventura County Star October 6, 2005	2005
Pipeline Profile: Jonathan Kramer	CableFax October 4, 2005	2005
Adelphia says violations being fixed	San Diego Union Tribune October 1, 2005	2005

Time Warner in Charge: Firm Likely to Dominate L.A. Cable	Daily News of Los Angeles April 22, 2005	2005
Comcast continues its quest for relief from regulations	Los Angeles Bus. Journal March 21, 2005	2005
St. Paul, Minn., inspector finds 25 percent of city Comcast hookups faulty	Saint Paul Pioneer Press November 10, 2004	2004
Power and Grounding	Communications Tech. Mag April 2004	. 2004
Why does Lodi pay high rates for cable?	Lodi News-Sentinel December 20, 2003	2003
Slumping optics firm searching for merger partner	San Fernando Valley Business Journal October 13, 2003	2003
Companies see hope for future in growth of wireless	San Fernando Valley Business Journal September 15, 2003	2003
Modesto Zaps Comcast With \$1M Fine	Multichannel News June 30, 2003	2003
Vertel's future is a question mark as losses mount	San Fernando Valley Business Journal January 20, 2003	2003
One firm exits, one enters wireless broadband arena	San Fernando Valley Business Journal September 2, 2002	2002
The Smartest Eight-Year-Old in Cable	CT's Pipeline August 13, 2002	2002
Cable's Big Worry: Getting Poleaxed	Multichannel News June 4, 2001	2001
Multi-channel Multipoint Distribution Service	CableFax May 28, 2001	2001
Modesto Files Op, Extends Franchise	Multichannel News January 15, 2001	2001

Modesto Could Stall Cable One Swap	Multichannel News Nov. 20, 2000	2000
Cable One Swap Hits Pothole in Calif.	Multichannel News October 30, 2000	2000
Open Access Still Hot Topic at NATOA	Multichannel News September 11, 2000	2000
On Human Nature and Potholes	Plant Management March 2000	2000
Overbuilder Seren Could Stir Up Things in Denver	Multichannel News June 7, 1999	1999
TCI Brand Will Remain For Now	Multichannel News March 22, 1999	1999
3 Cities Cast a Wary Eye at Cable Firm's Generators	Los Angeles Times July 13, 1999	1999
Overbuilder Approaches L.A.	Multichannel News November 30, 1998	1998
It's Spring for Telecom, and Change Is in the Air	Los Angeles Times April 30, 1995	1995
Southland sits on cusp of a new way of technology; wireless communications license auction set for May	Los Angeles Business Jour. October 18, 1993	1993
Fast-paced cable changes draw big crowd to NATOA meeting	Nation's Cities Weekly September 20, 1993	1993
FCC Tests: \$300 per point, per year	CED Magazine January 1993	1993
Set-tops will lead Western Show technology offerings	Multichannel News November 30, 1992	1992
FCC checking operators on technical standards	Multichannel News September 28, 1992	1992
NATOA meeting tackles cable industry advertising	Nation's Cities Weekly September 21, 1992	1992

Best tech standards no burden to Cox	Multichannel News September 14, 1992	1992
Austin, ATC see two-way two ways	Multichannel News September 7, 1992	1992
300 attend tech seminar on regs	CED Magazine July 1992	1992
SCTE facing a crossroads	Multichannel News June 15, 1992	1992
Texas Cable Show Draws Strong Crowd	Multichannel News February 24, 1992	1992
Technical Standards May Be Set by March	Cable World February 3, 1992	1992
Tech standards and the rural cable operator	CED Magazine January 1992	1992
NCTA, cities ink tech standards document	CED Magazine November 1991	1991
Credit where it's due	CED Magazine November 1991	1991
NCTA & Cities Nail Down Standards	Multichannel News October 21, 1991	1991

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Selected University Lectures Presented by Dr. Kramer

Northeastern University, Boston, MA and Seattle, WA (multiple years; staff instructor)

Yale University, New Haven, CT (multiple years; invited guest lecturer)

USC Annenberg School of Communications, Los Angeles, CA (multiple years; invited guest lecturer)

> Salem State University (multiple years; invited lecturer)

University of Alabama, Birmingham, AL

Pepperdine University, Malibu, California

Orange Coast College, Orange County, CA

Rancho Santiago College, Santa Ana, CA

Selected Speaking Engagements Presented by Dr. Kramer

Title	Conference/Event/Host	Year
Getting Ready for AB 965	Orange County Council of Gov Technical Advisory Committee	2023
I'm from the Government (Planning Department)and I'm Here to (whatever)!	San Fernando Valley Amateur Radio Club (W6SD)	2023
Wireless 101	City of Irvine, California	2023
Telecom and Rights of Way Update: Batch, batch, batch It's all about Batching!	American Public Works Assoc. Ventura County Chapter	2023
Wireless 101 Update for Westside Cities	City of Santa Monica	2023
Rapid Fire Q&A with the Expert	NATOA National Conference	2023
Current Issues in Cell Tower Leasing	Lorman Educational Services	2023

Title	Conference/Event/Host	Year
Municipal Cell Tower Leasing: Terms – Rents – Sales - Gotchas	International Municipal Lawyers Association	2023
Cell Tower Leasing, Lease Rates, and Sales Prices	Lorman Educational Services	2022
WTF – Wireless Telecommunications Facilities: The Boring Legal Stuff	New Mexico APA Conference	2022
Cell Tower Leases, Rents, 5G, and Sales Prices	International Municipal Lawyers Association	2022
Densifying the 5G Network – How to Meet the Growing Demand for 5G in Urban Areas	ConnectX'22 WIA Conference	2022
Wireless Sites in the PROW plus some municipal leasing (yeah I'm snoring, too)	IRWA Chapter 47	2022
Cell Tower Leases and Lease Sales	Lorman Educational Services	2022
5G Deployment Training for Planners, Public Works Officials, and Municipal Attorneys	States of California and Nevada Chapter of NATOA (SCAN NATOA)	2021
WTF! Expect the Unexpected	Planning Directors Association of Orange County	2021
Small Cells, Big Impacts: Emerging Trends on Telecom in the Right of Way	APWA Org. Chapter Fall Conf.	2021
Effectively Engaging Consultant Experience	NATOA National Conference	2021
Small Cell Deployment in the 5G Era	Washington State Bar Assoc. Administrative Law Section	2021
101 Cell Site Leasing for Municipal Attorneys	Washington State Bar Assoc. Administrative Law Section	2021
Current Issues in Cell Tower Leases	Lorman Educational Services	2021
What's Up (and Down) in Sacramento	City Engineers Assoc. of Orange County	2021
Microtrends for Small Cells in 2021	AGL Summit	2021

Title	Conference/Event/Host	Year
Telecommunications, A Look Into the FCC's Emergency Broadband Benefit Program	International Municipal Lawyers Assoc.	2021
New Federal Program: Free Internet for Low-Income Families	Lorman Educational Services	2021
Update on FCC Rules on Cell Tower Zoning	International Municipal Lawyers Assoc.	2021
Cell Tower Leasing and Sales for Municipalities	International Municipal Lawyers Assoc.	2021
Negotiating Wireless Telecom Facilities (WTF) leases/licenses on your government's real estate	eNATOA	2021
Wireless 101 for Municipal Attorneys	New Mexico Municipal Attorneys' Association	2020
Current Issues in Cell Tower Leases	Lorman Educational Services	2020
Understanding the technical aspects of HD, EPG, 5G, and Broadband	Wisconsin Community Media WCM Fall Webinar Conference	2020
Small cell deployments. The critical factors involved in achieving swift approval	Alpha Wireless	2020
Selling Cell Site Leases to Address Covid-19 Financial Challenges	Lorman Educational Services	2020
FCC 2020 Order Further Preempting State and Local Laws on Communications Tower Changes	International Municipal Lawyers Assoc.	2020
Cell Tower Leasing for Units of Governments	International Municipal Lawyers Assoc.	2020
Cell Tower Leasing for Commercial Landlords, Developers and Real Estate Investors	Lorman Educational Services	2020
Muni Ordinances, Small Cell Designs, and the Complexities of Density	AGL Seattle Summit	2020

Title	Conference/Event/Host	Year
Cell Site Leases A to Z in the 5G Era	Lorman Educational Services	2019
FCC 5G Order on Small Cells	International Municipal Lawyers Assoc.	2019
FCC Order Exempting Cell Towers and Other Communications Towers From Certain Local Zoning and Safety Laws	Lorman Educational Services	2019
Small Cells: Even More Issues	Texas Coalition of Cities for Utility Issues	2019
I'm from the Government, and I'm here.	Palos Verdes Amateur Radio Club	2019
Fact or Fiction: 5G Convergence	NATOA National Conference	2019
Selling Your Cell Tower Lease in the 5G Era	Lorman Educational Services	2019
It's a Small Wireless World After All	Contra Costa County Cities	2019
FCC 5G Order on Small Wireless Facilities	Lorman Educational Services	2019
FCC Rule Preempting State and Local Laws on Communications Tower Modifications	International Municipal Lawyers Assoc.	2019
Current Issues in Cell Tower Leases and Sales	Lorman Education Services	2019
(Wireless) The Final Frontier	SCAN NATOA Spring Conf.	2019
Small Cells; Big Issues	Ventura County Council of Governments	2019
Selling Your Municipal Cell Site Lease	International Municipal Lawyers Assoc.	2019
FCC's 6409(a) Regulations and Small Cells	Lorman Education Services	2019
"♫ It's a Small Wireless Facility World, After all」"	City Attorneys Assoc. of L.A. County	2019
Small Wireless Facilities Lecture	Lorman Educational Services	2019
Law and Society: Sociology of Law SOC 344	Salem State University (MA)	2019

Title	Conference/Event/Host	Year
Section 6409(a) Update	Lorman Educational Services	2019
Small Wireless Facilities Primer	Gateway Cities Council of Governments	2019
I'm from the Government (Planning Dept.)and I'm Here.	San Fernando Amateur Radio Club Reseda, California	2019
I'm from the Government (Planning Dept.)and I'm Here.	ARRL ARES LAX NW Group Van Nuys, California	2018
New Federal Cell Tower Rules for Municipalities	Lorman Educational Services	2018
Wireless Siting and Preparing for 5G	Colorado Broadband & Comm. Conf. Littleton, Colorado	2018
75 Answers in 75 Minutes Small Cells: Who Wins?	Colorado Broadband & Comm. Conf. Littleton, Colorado	2018
Federal, States, Local Small Cell Streamlining Plans: Whose Vision Will Win Out?	AGL Summit 2018 Kansas City, MO	2018
Current Issues in Cell Tower Leasing	Lorman Educational Services	2018
Selling Your Municipal Cell Tower Lease	International Municipal Lawyers Association	2018
Small Cell Sites: Getting Ready for the Next Big Thing	Lorman Educational Services	2018
I'm from the Government (Planning Dept.)and I'm Here.	Central Arizona DX Association (K7UGA) Tempe, AZ	2018
Can You Hear Me Now? Innovative Wireless Regulations	Rocky Mountain Land Use Institute Western Places/Western Spaces: Disruption, Innovation, and Progress	2018
FCC Order Exempting Changes to Cell Towers, Communications Antennas From Zoning and Other State and Local Laws	Lorman Educational Services	2018
Law and Society: Sociology of Law	Salem State University (MA)	2018

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Title	Conference/Event/Host	Year
SOC 344		
Small Cells; Big Issues: Regulation of Wireless Sites	NBI Seminar- Local Government Law From Start to Finish	2017
Current Issues in Cell Tower Leases: Profits, Pitfalls & Prevarications	Lorman Educational Services	2017
Law and Society: Sociology of Law SOC 344	Salem State University	2017
Telecommunications - Cell Tower Zoning	International Municipal Lawyers Association	2017
Stop SB 649 Press Conference California State Capitol Steps	League of California Cities	2017
75 Questions in 75 Minutes Seattle, Washington	NATOA National Conference	2017
Stop SB 649 Press Conference Fresno, California	League of California Cities	2017
Stop SB 649 Press Conference Long Beach, California	League of California Cities	2017
FCC Order Exempting Changes to Cell Towers, Communications Antennas From Zoning and Other State and Local Laws	Lorman Educational Services	2017
Local Government Opposition to SB 649	California Assembly Appropriations Committee	2017
Right of Way Control & Compensation	eNATOA	2017
Selling Your Local Government's Cell Site Lease or Future Leasing Rights (Nuts and Bolts)	International Municipal Lawyers Association	2017
Internet Law and Technology – CPSC S1086 01	Yale University, New Haven Connecticut	2017
Current Issues in Cell Tower Leases	Lorman Educational Services	2017

Title	Conference/Event/Host	Year
I'm from the Government, and I'm Here.	Pasadena Amateur Radio Club	2017
SB 649 & Mobilitie Update	Gateway Cities Counsel of Governments	2017
Municipal Cell Site Leasing	International Municipal Lawyers Association	2017
Current Issues in Section 6409(a)	Lorman Education Services	2017
Anatomy of a Small Cell	AGL Seattle Summit	2017
Selling Your Cell Site Lease	Lorman Educational Services	2016
What Are These Things and Why Are They Here?	Texas Coalition of Cities for Utility Issues	2016
New FCC Order Exempting Changes to Cell Towers, Communications Antenna from Zoning and other State and Local Laws	Lorman Educational Services	2016
Current Issues in Cell Tower Leases	Lorman Education Services	2016
Problems in the Right of Way: Wireless Siting Concerns	eNATOA	2016
Internet Law and Technology – CPSC S108601	Yale University, New Haven, Connecticut	2016
Right of Way Management and Zoning, or When Our Rights of Way Go Wrong	SCAN NATOA Annual Conference	2016
Moving on Mobilitie	Gateway Cities Council of Governments	2016
Cell Towers in Residential Areas: An Anchor on Home Prices	New England Political Science Association Annual Meeting, Newport, Rhode Island	2016
Cell Site Leasing and Lease Sales for Local Governments	International Municipal Lawyers Association	2016

Title	Conference/Event/Host	Year
Wireless Regulation: Changing Law, Technology, and Approaches	Tri-County Local Government Attorneys Association	2016
Cell Tower Leasing for Local Governments	Attorneys Guide to Local Government Law, NBI Seminar, Albuquerque, New Mexico	2016
New FCC Order Exempting Changes to Cell Towers, Communications Antenna from Zoning and other State and Local Laws	Lorman Educational Services	2016
Current Issues in Cell Tower Leases	Lorman Education Services	2015
Wireless Leases Sales	Lorman Education Services	2015
AB 57: Making the Most of What's Left	Telecom Law Firm, P.C.	2015
Cell Tower Lease Buyouts	Lorman Education Services	2015
Small Cells and DAS: What are They and How do Local Government Regulate Them?	eNATOA	2015
Navigating Cell Tower Regulations	County of Alameda, California	2015
Navigating Federal and State Cell Tower Regulations in the Right-of-Way	City/County Engineers Association of San Mateo County	2015
Navigating the New FCC Wireless Orders and Regulations	League of Kansas Municipalities	2015
Navigating Cell Tower Regulations and Radio Frequency Emissions Regulations	City of Murrieta, California	2015
Municipal Cell Tower Leases Protecting and Benefiting Your Municipality	International Municipal Lawyers Association	2015
Wireless Facility Siting Conference	Law Seminars International Los Angeles, California	2015
Current Issues in Wireless Collocations	Lorman Educational Services	2015
Navigating the FCC's New Wireless Orders and Rules	League of Arizona Cities and Towns	2015

Title	Conference/Event/Host	Year
Internet Law and Technology (CSYC 321)	Yale University, New Haven, Connecticut	2015
New FCC Rules: State and Local Preemption on Communications Towers/Base Station Modifications	International Municipal Lawyers Association	2015
Wireless Leasing and Lease Sales	Lorman Educational Services	2014
Wireless Facilities Siting Conference	Law Seminars International - Atlanta	2014
6409(a): New FCC Rules on Cell Tower Zoning	International Municipal Lawyers Association	2014
Wireless Facilities Siting: DAS, Small Cells, Picocells and More	NATOA Annual Conference, St. Paul, Minnesota	2014
I'm From the Government and I'm Here	American Planning Association, California Chapter	2014
I'm From the Government and I'm Here	SureSite Consulting Group	2014
Regulatory Update: Wired and Wireless	SCAN NATOA Annual Conference	2014
Internet Law and Technology CPSC S1086 01	Yale University, New Haven, Connecticut	2014
Current Issues in Wireless Leases and Buyouts	Lorman Educational Services	2014
Cell Tower Zoning	International Municipal Lawyers Association	2014
Current Issues in Wireless Collocations	Lorman Educational Services	2014
Cell Tower Leasing	International Municipal Lawyers Association	2014
Deployment of Wireless Facilities	Law Seminars International	2014
What's the FCC Up to Now?	New Mexico Municipal League, Municipal Attorney's Association	2013

Title	Conference/Event/Host	Year
Local Governments, Wireless Siting Practices, and the FCC	eNATOA	2013
Current Issues in Cell Tower Leases and Lease Buyouts	Lorman Education Services	2013
Federal Cell Tower Zoning: A Municipal Perspective	International Municipal Lawyers Association	2013
Cell Tower Leasing for Municipal Attorneys	International Municipal Lawyers Assoc.	2013
Current Issues in Section 6409(a)	Lorman Educational Services	2013
Wireless, is that You? The Revolution	Tri-County Local Government	2013
Of Wireless Concerning Municipalities Wireless Everything for Government Planners	Attorney's Association Ventura City-County Planners Association	2013
Internet and Telecommunications Law CPSC S186 01	Yale University New Haven, CT	2013
Plenary Session Speaker	SCAN NATOA Spring Conference	2013
Current Issues in Cell Tower Leases and Lease Buyouts	Lorman Educational Services	2013
IRWA Annual Valuation Seminar	International Right of Way Assoc.	2013
Federal Law of Cell Tower Zoning for Municipal Attorneys	International Municipal Lawyers Association	2013
If the Tower Doesn't Grow, Can Municipalities Say No?	T-Mobile External Affairs Headliners Series	2012
Current Issues in Cell Tower Regulation and Zoning Rules	Lorman Educational Services	2012
Wireless Site Collocations Under Sec. 6409	Telecom Law Firm, P.C. Santa Fe Neighborhood Law Center	2012
Wireless Tower Siting	Law & Policy for Neighborhoods Conference	2011

Title	Conference/Event/Host	Year
Wireless Lease Buyouts: A Government Perspective	International Municipal Lawyers Association	2011
Current Issues in Wireless Lease Buyouts	Lorman Educational Services	2011
Internet and Telecommunications Law CPSC S186 01	Yale University	2011
Is There Such A Thing As A Good Wireless Ordinance?	AGL Regional Conference Denver, Colorado	2011
Wireless Facilities Seminar	SCAN NATOA Pasadena, California	2011
Current Issues in WiMax, 4G and LTE Leases	Lorman Educational Services	2011
Current Issues in Cell Tower Leasing	Lorman Educational Services	2011
Wireless 101 for Attorneys	New Mexico Municipal League	2010
Cell Tower Leasing Issues	International Municipal Lawyers Association	2010
Current Issues in Cell Tower Regulation and Zoning Rules	Lorman Educational Services	2010
Is There Such A Thing As A Good Wireless Ordinance?	AGL Regional Conference San Francisco	2010
Wireless Facilities Siting – How to Accommodate Explosive Growth while Maintaining Neighborhood Livability Best Practices	NATOA Conference	2010
Wireless Update	SCAN NATOA Conference	2010
Major Issues in WiMAX Tower Leases and Zoning	Lorman Education Services	2010
Current Issues in Wireless Siting	Gateway Cities Council of Governments	2010

Title	Conference/Event/Host	Year
Wireless Issues Update	League of California Cities City Attorneys' Conf.	2010
Recent Wireless Siting Developments	America Planning Association, Orange County (CA) Chapter	2010
Educational Seminar Panel	California Wireless Association (Southern California Section)	2010
Current Issues in Cell Tower Leasing	Lorman Educational Services	2010
Educational Seminar Panel	California Wireless Association (Northern California Section)	2010
New FCC Cell Tower Zoning 'Shot-Clock' Order: Issues and Guidance to Effectively Deal With Federally-Imposed Zoning Deadlines	International Municipal Lawyers Association	2009
Wireless Siting Update	SCAN NATOA	2009
FCC Declaratory Ruling on Wireless Siting	eNATOA Conference	2009
Technology Solutions for Small Law Firms	Provisors LLP	2009
Current Issues in Cell Tower Leasing	Lorman Education Services	2009
Top Tech Topics for a Law Practice	State Bar of California	2009
Telecommunications Law CLE Program	State Bar of California	2009
The National Electrical Code: Why Comply?	SCTE Live Learning	2009
"I'm from the Government [Planning Department] and I'm here to help you"	Amateur Radio Club of El Cajon	2009
DTV Transition: Last Steps	SCTE Live Learning	2009
"Tower Siting: Getting to Win/Win for Localities and for Carriers"	California Wireless Association	2009

Title	Conference/Event/Host	Year
Cable TV Update	SCAN NATOA Annual Conference Santa Monica, California	2009
Telecom 101: What Every Practitioner Should Know	State Bar of California Section Education Institute	2009
Secret Life of PDA: Ethical Considerations	State Bar of California Sec. Ed. Institute	2009
Cable TV Law Update – Cable Television Unraveled	Pennsylvania Bar Institute	2008
Current Issues in Cell Tower Regulation	Lorman Education Services	2008
Automated Photo Red Light Enforcement Users Group	Los Angeles Police Department	2008
"I'm From the Government (Planning Department) and I'm Here to Help You"	Palomar (California) ARC Meeting	2008
Surfin' Telecommunication Choices: A New World, A New Direction"	SCAN NATOA Annual Conference	2008
FCC Regulations Regarding Cable TV	SCTE Show Me Chapter	2008
Mobile Security and Ethical Issues for Attorneys	State Bar of California Annual Conference	2008
"I'm From the Government (Planning Department) and I'm Here to Help You"	ARRL Southwest Division Conference	2007
I'm From the Government and I'm Here	SCTE – Southern California Chapter	2007
AT&T Project Lightspeed	League of California Cities Policy Conference	2007
Wireless Update: SB 1627	Assoc. of Environmental Professionals	2007
Right of Way Furniture	SCAN NATOA Annual Conference	2007
Wild Wired (and Wireless) West	State Bar of California Annual Conference	2007
Wireless Telecommunications Planning	APA National Conference	2006

Title	Conference/Event/Host	Year
Ask the Experts	SCAN NATOA Annual Conf.	2006
Wireless and Wired Telecommunications Law Update	League of California Cities City Attorneys Section Conference	2006
Wireless Case Mock Hearing	PCIA Annual Conference	2006
PEG Programming	Alliance for Community Media	2005
Wireless Siting 101	Assoc. of Environmental Professionals Orange County, California Chapter	2005
Taming the Wireless Site Permitting Process	Kramer.Firm/Municipal Services Associates, Des Plaines, Illinois	2005
A Sea Change in Wireless Siting	California APA Conference Yosemite, California	2005
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2005
Where's this broadband thing going?	NATOA Annual Conference Washington, District of Columbia	2005
"Future of Cable Television"	SCAN NATOA Annual Conference	2005
The Future of Telecom Law and Policy	USC/Annenberg School of Comm.	2005
Wireless Siting Planning: A Government Perspective	APA – Regional Planning Conf.	2004
Wireless Tower Siting	NATOA Annual Conference San Francisco	2004
You Push I'll Pull	City of Kent, WA Cable TV Conference	2004
Telecommunications Law Update	City Attorneys Association of San Diego County	2004
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2004

Title	Conference/Event/Host	Year
Telecommunications Safety Code Violations: A Field Guide for Attorneys	International Municipal Lawyers Assoc. Annual Conference	2004
Cable TV and Wireless Regulation and Law Update	Florida Cable and Telecommunications Law Local Government Workshop	2003
How to Get A Wireless Tower Siting Permit Application Denied!	IRWA Chapter 1 Conference	2003
Maximizing Wireless Resources	NATOA Annual Conference	2003
The Future of Wired Telecommunications	Denver, Colorado SCAN NATOA Annual Conf. Universal City, California	2003
Siting the Unsightly	NATOA Annual Conference Chicago, Illinois	2002
Right of Way Considerations for Local Governments	Law Seminars International – Early Stage Due Diligence Technology Considerations	2002
When Bad Things Happen to Good Cable Systems	Center for International Legal Studies International Info Tech, Media, and Telecom Law Conference Salzburg, Austria	2002
New FCC Technical Standards	NCTA Education Conference	2002
Conference on Telecommunications Policy and Opportunities 2001	Westside Cities Summit	2001
Hiding Cell Phone Sites In Plain Sight: Now you see 'umnow you don't!	NATOA Annual Conference Miami Beach, FL	2001
Antenna and Tower Siting: Final Frontier	SCAN NATOA Annual Conf.	2001
Wireless Siting: Policy Issues and Practical Solutions – A Municipal View	Law Seminars International Third Annual Conference on Local Telecom Infrastructure	2001
Cable TV Regulation	NATOA Annual Conference Los Angeles, California	2000

Title	Conference/Event/Host	Year
Cable TV Regulation	NATOA Annual Conference Atlanta, Georgia	1999
Cable TV Regulation	NATOA Annual Conference San Diego, California	1998
Cable TV Regulation Training	NATOA Regional Training Seminar	1998
Electrical Inspectors' Cable TV Code Training Seminar	Du Page Mayors and Managers Association, Illinois	1998
Cable TV Regulation	NATOA Annual Conference Tucson, AZ	1997
Cable TV Regulation	NATOA Annual Conference Palm Beach, FL	1996
An (Almost) 'No-Technobabble' Review of the New FCC Technical Standards	NATOA Annual Conference Albuquerque, New Mexico	1995
Cable TV Regulation	NATOA Annual Conference Reno, Nevada	1994
Cable TV Regulation	NATOA Annual Conference Orlando, FL	1993
NCTA Technical Standards Seminar	Anaheim, California	1992
NCTA Technical Standards Seminar	SeaTac, Washington	1992
Cable-Tech Expo	Society of Cable TV Engineers San Antonio, Texas	1992
Cable TV Regulation	NATOA Annual Conference Irving, Texas	1992
Cable TV Regulation	NATOA Annual Conference Anaheim, California	1991
Cable TV Regulation	NATOA Annual Conference Dearborn, Michigan	1990

Title	Conference/Event/Host	Year
Cable Television Technical Issues Meeting	County of Santa Barbara Santa Barbara, California	1989
Cable TV Regulation	NATOA Annual Conference Scottsdale, AZ	1989
Federal-County Subcommittee on Cable Television	National Association of Counties Washington, D.C.	1989
NFLCP Far West Regional Conference	Nat'l Fed. of Local Cable Programmers Santa Barbara, California	1988
Cable TV Regulation	NATOA Annual Conference Miami, FL	1988
Cable TV Regulation	NATOA Teleconference Torrance, CA	1988
Cable TV Technical Standards: Why Are They Important?	Michigan NATOA Conference Novi, Michigan	1988
Cable TV Quality	Dana Point Civic Association	1987
CATVI for Hams	Conejo Valley Amateur Radio Club	1984
Cable TV: A Primer for Hams	So. Orange Co. Amateur Radio Assoc.	1983
Cable Television – A Primer	Construction Inspectors Association California Council	1983

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