

**AMENDMENT NUMBER ONE
TO PROFESSIONAL SERVICES AGREEMENT
WITH
TELECOM LAW FIRM, P.C.**

This Amendment Number One ("Amendment") is made and entered into this 12th day of August, 2019 ("Effective Date"), by and between the CITY OF COSTA MESA, a municipal corporation ("City"), and TELECOM LAW FIRM, P.C., a California Professional Corporation ("Consultant").

WHEREAS, City and Consultant entered into an agreement on May 24, 2019 for Consultant to provide telecom consulting services (the "Agreement"); and

WHEREAS, City and Consultant desire to amend the Scope of Services to include the additional services set forth in Exhibit "A," attached hereto and incorporated herein by this reference; and

WHEREAS, City desires to increase Consultant's maximum compensation accordingly to Twenty-Five Thousand Dollars (\$25,000.00).

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. The Scope of Services shall be amended to include the additional services set forth in Exhibit A. Consultant shall be paid in accordance with the fee schedule set forth in Exhibit A for such additional services.
2. Section 2.1 of the Agreement shall be amended to reflect that Consultant's total compensation shall not exceed Twenty-Five Thousand Dollars (\$25,000.00).

3. All terms not defined herein shall have the same meaning and use as set forth in the Agreement.
4. All other terms, conditions, and provisions of the Agreement not in conflict with this Amendment shall remain in full force and effect.

[Signatures appear on following page.]

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed by and through their respective authorized officers, as of the date first written above.

CITY OF COSTA MESA

Justin Martin
City Manager

Date: 8/13/19

CONSULTANT

See separate copy
Signature

Date: _____

Name and Title

ATTEST:

Brenda Green 8/13/19
City Clerk

APPROVED AS TO FORM:

Kimberly Hill Beaton
City Attorney

Date: 8/13/19

APPROVED AS TO INSURANCE:

Russ
Risk Management

Date: 8/13/19

APPROVED AS TO CONTENT:

[Signature]
Project Manager

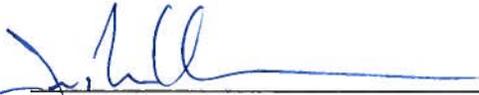
Date: 8/13/19

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to be executed by and through their respective authorized officers, as of the date first written above.

CITY OF COSTA MESA

City Manager Date: _____

CONSULTANT



Signature Date: 8/12/19
M. Jonathan L. Kramer Sr Partner

Name and Title

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney Date: _____

APPROVED AS TO INSURANCE:

Risk Management Date: _____

APPROVED AS TO CONTENT:

Project Manager Date: _____

DEPARTMENTAL APPROVAL:



Economic and Development Services
Director

Date: 8.13.19

APPROVED AS TO PURCHASING:



Finance Director

Date: 8/13/19

EXHIBIT A
PROPOSAL TO PROVIDE ADDITIONAL SERVICES



Robert C. May III
Partner

O: 619-272-6200
F: 619-376-2300
E: tripp@telecomlawfirm.com

Sent via email

July 31, 2019

Ms. Jennifer Le
Development Services
77 Fair Drive
Costa Mesa, California 92626

RE: Legal Services for City of Costa Mesa Telecommunications
Regulations
Subject: Proposal to Provide Legal Services

Dear Ms. Le:

Thank you for your interest in our firm's services. Telecom Law Firm would be honored to assist the City of Costa Mesa ("City") with its telecommunications matters. This letter contains a proposed scope and fee schedule for the legal services requested. A separate proposal for project/application review consulting will be submitted.

PROPOSAL

1. KEY PERSONNEL

Telecom Law Firm's lead attorneys assigned this project will be Robert C. May III (Managing Partner) and Dr. Jonathan L. Kramer (Senior Partner). The lead attorneys will be primarily responsible for the services provided. However, they will be assisted by associate attorneys and other professionals under their direction.

Michael D. Johnston, Senior Associate, will be assigned to assist the lead attorneys. Other associate attorneys who may be assigned to assist in the City's matters are Natalia Shparber, Adam Klapova, and Douglas B. Brewer. Resumes for the lead attorneys are enclosed with this proposal.

2. CODE AMENDMENT SERVICES

- a. **Draft Ordinance.** Telecom Law Firm shall prepare and deliver a proposed ordinance or ordinances (collectively, the "Draft Ordinance") to regulate small wireless facilities deployed in the public rights-of-way in accordance with the City's local values and all applicable federal, state and local laws and regulations. In connection with the Draft Ordinance, Telecom Law Firm shall review and

evaluate all current City policies and practices related to wireless facilities and consult with City staff as needed or requested by the City, and develop specific options and recommendations for revising and improving City materials and processes. All options and recommendations shall be presented to the City Council at a study session staffed by Telecom Law Firm (tentatively scheduled for August 13, 2019). The final Draft Ordinance shall incorporate direction and feedback from the City Council study session. Consultation with City staff will generally be by telephone and/or email, and Telecom Law Firm's personnel will generally not be required to travel to complete this task.

- b. **Application Materials.** At the City's request, Telecom Law Firm shall provide the City with a supplemental application(s), checklist and worksheets for wireless facility applications (the "Application Materials"). In connection with the Application Materials, Telecom Law Firm shall review and evaluate all current City policies and practices related to wireless facilities and consult with City staff as needed or requested by the City, and develop specific options and recommendations for revising and improving City materials and processes. All options and recommendations shall be presented to the City Council at a study session staffed by Telecom Law Firm (tentatively scheduled for August 13, 2019). The final Application Materials shall incorporate direction and feedback from the City Council study session. Consultation with City staff will generally be by telephone and/or email, and Telecom Law Firm's personnel will generally not be required to travel to complete this task. The Application Materials will be based on a form prepared by Telecom Law Firm and tailored to suit the City's policies, procedures, objectives and needs.
- c. **Additional Services.** At the City's request, and subject to the terms and conditions in this proposal and any other valid agreement between the City and Telecom Law Firm, Telecom Law Firm shall (1) staff public workshops, meetings with industry stakeholders and public meetings before elected and appointed decision-making bodies; (2) assist the City prepare staff reports and responses to comments from the public; (3) provide legal opinions on specific issues in connection with the Draft Ordinance; and (4) provide all services reasonably necessary to introduce and adopt the Draft Ordinance and implement the Application Materials (collectively, the "Additional Services"). Telecom Law Firm personnel will staff meetings in-person or through real-time telecommunications at the City's request. Telecom Law Firm's attendance, or any particular member's attendance, at such meetings is not guaranteed unless the date and time are first confirmed by Telecom Law Firm. Telecom Law Firm schedules meetings on a first-ask, first-schedule basis and advises the City to notify Telecom Law Firm about any potential meeting dates as soon as possible. Telecom Law Firm will use reasonable efforts to accommodate the City's requests.

3. AD HOC SERVICES



In addition to the services described in Section 2, Telecom Law Firm will be available to the City for advice, consultation and other legal services related to telecommunications infrastructure regulation, policy, technology and/or transactions within the firm's experience and expertise. The services described in this Section 3 do not include any litigation services or representation in any judicial or administrative proceedings, which will require a separate written agreement that either party may decline in their sole discretion.

4. COST PROPOSAL

- a. **Hourly Rates.** Telecom Law Firm shall charge an hourly rate for all time spent by Telecom Law Firm personnel in connection with the Draft Ordinance (Section 2.a), Application Materials (Section 2.b), Additional Services (Section 2.c) and the Ad Hoc Services (Section 3). The hourly rates are specified in Schedule 1, attached to this proposal and incorporated by this reference. All hourly rates will automatically increase by three percent (3%) each year on the anniversary of the effective date of an agreement with the City to provide the services described in this proposal. Travel time will be billed at fifty percent (50%) rate, except when Telecom Law Firm personnel spend time in transit performing Services for the City (e.g., a telephone call en-route to a meeting). Telecom Law Firm shall not bill the City for more than one attorney's time at any in-person meeting, unless approved by the City in advance. All time is billed in six-minute increments (0.1 hours). Telecom Law Firm shall not bill the City for time spent to prepare invoices, open or close a client file or other administrative tasks not directly related to the provision of services.
- b. **Expenses.** Telecom Law Firm may incur expenses that will be billed to the City. All expenses are billed at cost with no mark up. Ordinary expenses, such as copying, printing, postage and other administrative costs directly related to the services rendered to the City shall not require the City's prior approval. Extraordinary expenses include any single expense (other than airfare or hotel fees for a meeting at the City's request) that is expected to exceed \$250 shall require the City's prior approval.
- c. **Invoices.** Invoices for hourly fees and associated expenses shall be issued approximately every thirty (30) days, and will describe (1) the task performed; (2) the person who performed the task; (3) the applicable hourly rate; and (4) the total time spent on each task. Invoices will be due within 30 days after received by the City.
- d. **Fee Deposit.** No fee deposit will be required as a condition for acceptance of this proposal. Telecom Law Firm reserves the right to require a fee deposit in



the future. Any such fee deposits will be held in a client trust account in accordance with all applicable California regulations. Any fee deposits required will be reasonably estimated by Telecom Law Firm to reflect the cost to provide the services requested by the City. However, such estimates are not guarantees and the actual cost may exceed the fee deposit.

- e. **Estimated Total Cost.** Based on similar projects for similarly situated public agencies, and including the City Council study session, the total cost for all services rendered under Sections 2.a and 2.b is estimated to be approximately \$20,000. Given that the City may request Additional Services and/or Ad Hoc Services that we cannot anticipate at this time, the total cost may exceed this estimate.

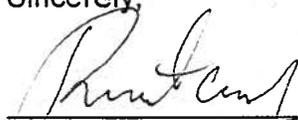
5. CONSULTANTS AND SUBCONTRACTORS

Based on the information provided by the City, Telecom Law Firm does not believe any consultants or subcontractors would be necessary to complete the services described in this proposal. Should any need arise, we do work with several experts in technical, real estate and litigation fields who could be brought on as needed or referred to the City.

CONCLUSION

Thank you for the opportunity to submit this proposal to the City. We take great pride in our work for local public agencies, and specifically for the City of Costa Mesa. We look forward to serving the City's needs in this specialized subject matter. Please contact me with any questions you may have about this proposal or Telecom Law Firm.

Sincerely,



Robert C. May III
TELECOM LAW FIRM PC

Enc. Schedule 1 – Hourly Rates
Resume for Robert C. May III
Resume for Dr. Jonathan L. Kramer

cc. Silvia Kennerson (silvia.kennerson@costamesaca.gov)
TLF Contract Administrator (contracts@telecomlawfirm.com)



SCHEDULE 1

HOURLY RATES

Professional	Hourly Rate
Dr. Jonathan L. Kramer	\$340
Robert C. May III	\$340
Michael D. Johnston	\$290
Douglas B. Brewer	\$260
Natalia Shparber	\$260
Paralegal	\$175



Robert "Tripp" Carroll May III
3570 Camino del Rio North, Ste. 102, San Diego CA 92108
(619) 272-6200 | tripp@telecomlawfirm.com

EXPERIENCE

Telecom Law Firm, PC, Los Angeles, California

Vice President and Equity Shareholder
Associate Attorney
Law Clerk

September 2013 – Present
May 2013 – September 2013
October 2009 – May 2013

The Honorable Thomas J. Whelan

United States District Court for the Southern District of California
Judicial Extern

January 2012 – May 2012

Warren & Morris Ltd., Inc., Del Mar, California

Research Associate

November 2004 – September 2007

EDUCATION

University of San Diego School of Law, San Diego, California

Juris Doctor, May 2013

Honors & Awards:

CALI Award (first in class): Telecommunications Law & Policy
Third Place Overall & Second Place Brief, Vanderbilt School of Law National Moot Court Competition
Top Student and Best Memorandum, Advanced Legal Writing
Quarter-Finalist, USD School of Law Paul A. McLennon Honors Moot Court Tournament
Semi-Finalist, USD School of Law Alumni Moot Court Tournament
Faculty Honors Scholarship (2010–2013)
Student Leader Scholarship (2012–2013)

Activities:

San Diego Law Review, Executive Editor
USD School of Law Appellate Moot Court
National Team Competitor and Executive Board Member
National Team Student Coach

University of California at Santa Barbara

Bachelor of Arts, Communication, June 2009

Honors: University High Honors (Top 9%) with Distinction in the Major

PROFESSIONAL MEMBERSHIPS & ASSOCIATIONS

National Trust Real Estate Association, *Member*

Los Angeles County Bar Association, *Member*

Federal Communications Bar Association, *Member*

Southern California and Nevada Chapter (SCAN) NATOA, *Member*

Nat'l Ass'n of Telecommunications Officers and Advisors, *Member*

PROFESSIONAL HONORS & AWARDS

2013 – 2014 Member of the Year, SCAN NATOA

Robert "Tripp" Carroll May III
3570 Camino del Rio North, Ste. 102, San Diego CA 92108
(619) 272-6200 | tripp@telecomlawfirm.com

PUBLIC AGENCY CLIENTS (current and former)

Agoura Hills, California	Greenwood Village, Colorado	Rancho Palos Verdes, Cal.
Antioch, California	Hillsborough, California	Redlands, California
Bakersfield, California	Huntington Beach, California	Redondo Beach, California
Beaverton, Oregon	Inglewood, California	Richmond, California
Bethel, Alaska	Irvine, California	Roseville Joint Union Sch. Dist.
Brentwood, California	Lakewood, California	San Anselmo, California
Burlingame, California	Lake Oswego, Oregon	San Buenaventura, California
Calabasas, California	La Mesa, California	San Francisco, California
Camarillo, California	L.A. Cnty. Sanitation Dist.	San Marcos, California
Campbell, California	Malibu, California	San Mateo, California
Capitola, California	Milpitas, California	San Rafael, California
Carlsbad, California	Monterey, California	San Ramon, California
Cerritos, California	National City, California	Santa Barbara, California
Chico, California	Newport Beach, California	Santa Monica, California
Chino Hills, California	Oceanside, California	Seaside, California
Chula Vista, California	Ojai, California	Simi Valley, California
Cincinnati, Ohio	Orange County, California	Solana Beach, California
Concord, California	Oxnard, California	Southgate, California
Culver City, California	Palo Alto, California	Thousand Oaks, California
Cupertino, California	Palos Verdes Estates, Cal.	Tiburon, California
Danville, California	Pasadena, California	Torrance, California
Davis, California	Piedmont, California	United States Navy
El Monte, California	Pittsburg, California	Vista, California
Encinitas, California	Pleasant Hill, California	Watsonville, California
Fresno, California	Pleasanton, California	Wilsonville, Oregon
Gardena, California	Portola Valley, California	
Glendale, California	Portland, Oregon	

FEDERAL COURT REPRESENTATIONS

City of Seattle, et al. v. FCC, No. 19-70136 (9th Cir.)
GTE Mobilnet of Cal. Ltd. P'ship v. City of Watsonville, 5:16-cv-03987-NC (N.D. Cal.)
Crown Castle NG West LLC v. City of Malibu, No. 2:15-cv-06089-DSF-SS (C.D. Cal.)
Montgomery Cnty. v. FCC, No. 15-1240 (4th Cir.)

FEDERAL COMMUNICATIONS COMMISSION FILINGS

In the Matter of Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment, WT Docket No. 17-79.
In the Matter of Accelerating Wireline Broadband Deployment by Removing Barriers to Infrastructure Investment, WC Docket No. 17-84.
In the Matter of Streamlining Deployment of Small Cell Infrastructure by Improving Wireless Facilities Siting Policies, WT Docket No. 16-421.
Wireless Telecommunications Bureau Seeks Comment on Proposed Amendment Nationwide Programmatic Agreement for the Collocation of Wireless Antennas, WT Docket No. 15-180.
In the Matter of Acceleration of Broadband Deployment by Improving Wireless Facilities Siting Policies, WT Docket No. 13-238, WC Docket No. 11-59, WT Docket No. 13-32.

PRESENTATIONS AND SPEAKING ENGAGEMENTS

"5G: Convergence between the Wireline and Wireless Providers" National Webinar
eNATO (Feb. 11, 2019)

Robert "Tripp" Carroll May III
3570 Camino del Rio North, Ste. 102, San Diego CA 92108
(619) 272-6200 | tripp@telecomlawfirm.com

- "Small Cell Deployment: Meshing Two Different Worlds" Panel Discussion
AGL Local Landing (Jan. 24, 2019)
- "Cell and Wireless Tower Law" National Webcast
NBI, Inc. (Jan. 14, 2019)
- "Issues of Local Control and Wireless Telecommunications Facilities" Lecture
CA City Attorneys Spring Conf. (May 3, 2018)
- "Cell and Wireless Tower Law" National Webcast
NBI, Inc. (Feb. 8, 2018)
- "Wireless Facilities: Regulatory and Leasing Update" Lecture
New Mex. Muni. Atty's Ass'n (Dec. 6, 2017)
- "Infrastructure Deployment: Towers, Fiber and Small Cells" Panel Discussion
NATOA Annual Conference (Sep. 11, 2017)
- "The State of Communications Law in California and the Nation" Panel Discussion
SCAN NATOA (May 11, 2017)
- "Advance of Wireless Infrastructure" Panel Discussion
CA Cities Annual Conference (Oct. 7, 2016)
- "Cell and Wireless Tower Law" National Webcast
NBI, Inc. (Sept. 9, 2016)
- "Small Cell Zoning: It's a Problem, We Can Fix It" Panel Discussion
CTIA Super Mobility (Sept. 8, 2016)
- "Section 6409 vs Reality" Panel Discussion
Wireless West Conference (Apr. 20, 2016)

- "Aesthetics and Location: The Small Cell Site Acquisition Puzzle" Panel Discussion
IWCE Expo (Mar. 23, 2016)
- "Primer on Wireless Shot Clocks – Northern California" Panel Discussion
SCAN NATOA (Feb. 4, 2016)
- "Primer on Wireless Shot Clocks – Southern California" Panel Discussion
SCAN NATOA (Jan. 21, 2016)
- "Section 6409" Panel Discussion
CalWa (Oct. 7, 2015)
- "Federal Law of Cell Tower Zoning Presentation" Webinar
IMLA (July 9, 2015)
- "The Brave New World of Wireless Regulations for Planners" Panel Discussion
APA Cal. Orange Sec. (May 21, 2015)
- "Trends in Cell Site Leasing" Panel Discussion
CCIM—San Diego Chapter (May 20, 2015)
- "Navigating Cell Tower Regulations" Public Workshop
Alameda Cnty, Office of Nate Miley (Apr. 1, 2015)
- "Practical Impacts of the New FCC Rules" Panel Discussion
Law Seminars Int'l (Feb. 19, 2015)
- "Wireless Communications Legislation: Impact on Cities" Panel Discussion
Gateway Cities COG (Feb. 11, 2015)

Robert "Tripp" Carroll May III
3570 Camino del Rio North, Ste. 102, San Diego CA 92108
(619) 272-6200 | tripp@telecomlawfirm.com

- "Wireless Infrastructure Regulatory Update" Webinar
Arizona League of Cities (Jan. 27, 2015)
- "Wireless Infrastructure Regulatory Update" Panel Discussion
California Wireless Association (Jan. 15, 2015)
- "Telecommunications 101" Seminar
SCAN NATOA (Jan. 15, 2015)
- "Local Governments, Wireless Siting Practices and the FCC" Panel Discussion
eNATOA (Dec. 2014)
- "4G Wireless Deployments: Zoning Challenges and Opportunities" Panel Discussion
CA Cities Annual Conference (Sept. 4, 2014)
- "Wireless Facility Regulatory Update" Webinar
SCAN NATOA (Mar. 19, 2014)

NEWS ARTICLES, INTERVIEWS AND MEDIA MENTIONS

- J. Sharpe Smith, Small Cell Order Goes into Effect: Appeal Goes to 9th Circuit, AGL (Jan. 14, 2019)
- Alexis Kramer, Challenge to FCC's 5G Network Order Moves to Ninth Circuit (2), BLOOMBERG (Jan. 11, 2019)
- J. Sharpe Smith, Calif. Appellate Court Affirms Local Aesthetic Control of Small Cells, AGL (Sept. 20, 2015)
- Omar Masry and Robert May, AB 57: A brave new world for cell antennas, NORTHERN NEWS 1 (Feb. 2016).
- J. Sharpe Smith, California Municipalities Push Back Against Cell Tower Bill, AGL (July 16, 2015).
- Henry Meier, City Lawyers Fret About Too Many Cell Towers Under FCC Rule, L.A. DAILY J. 1 (Feb. 9, 2015).
- Josh Stephens, New Rules on Wireless Towers May Frustrate Cities. Planners, CALIFORNIA PLANNER & DEVELOP. REPORT (Jan. 19, 2015).
- Robert May, Wireless Sites: Rapid Deployment vs. Planned Development, L.A. DAILY J. 11 (Nov. 11, 2014).
- J. Sharpe Smith, Court Raises Bar for Least Intrusive Means Test, AGL (Aug. 19, 2014).
- Teri Figueroa, Cell Tower Rules Get Thumbs Up From Planning Commission, SAN DIEGO UNION TRIBUNE (July 1, 2014).

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

Founding Attorney – Senior Partner
Telecom Law Firm, P.C.
Email: Kramer@TelecomLawFirm.com
Direct Tel CA: (310) 405-7333 - Direct Tel NM: (505) 490-6800
Web sites: TelecomLawFirm.com ■ CellTowerPhotos.com
Dr. Kramer’s Blog: Wireless.Blog.Law



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Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Employment History

2006 – Present	Telecom Law Firm, P.C. (Los Angeles, CA) Founding Attorney and Senior Partner (July 2019- Present) Founding Attorney and Managing Partner (November 2006- July 2019) Telecom Law Firm, P.C. is 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 does <i>not</i> represent cell phone providers, wireless facility providers, tower operators, or cable TV service providers.
2019 – Present	Manager, Permit Team LLC (Los Angeles, CA)
2018 – Present	Instructor, Regulatory Law and Policy (Doctoral and Masters programs) Northeastern University (Boston, MA; Seattle, WA)
1999 – 2015	Kramer.Firm, Inc., Principal Technologist (Los Angeles, California)
1987 – 1999	Communications Support Corp., President (El Toro; Los Angeles, California)
1984 – 1987	CommuniCable Consultants, Owner (El Toro, California)
1982 – 1984	Storer Communications, Regional Technical Manager (Southern California)
1982 – 1982	Western Cable Services, Inc., Engineering Manager (Ventura, California)
1979 – 1982	Warner Cable of Malibu, System Engineer (Malibu, California)
1978 – 1979	Self-Employed. Radio telecommunications engineer (Malibu, California)
1976 – 1978	Motorola Communications & Electronics Area F Project Management, Field Technician, (California, Nevada, Arizona, New Mexico)
1973 – 1974	Rovafone of Los Angeles, Technician/Installer (Woodland Hills, CA)

Education

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

Masters of Law (LL.M). Information Technology and Telecommunications Law. Status: Earned Degree *with distinction*. University of Strathclyde, Glasgow, Scotland (conferred May 2013). 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.”

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

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

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

State Bar and Court Admissions

Attorney and Counselor at Law in the State of California (admitted 2006). SBN 244074.

Attorney and Counselor at Law in the State of New Mexico (admitted 2013). SBN 145319.

Attorney admitted to practice before the U.S. District Court, Central District of California (admitted 2006).

Professional and Related Licenses

FCC General Radiotelephone Operator License with Ship Radar endorsement. License No. PG11-35289. (Continuously licensed since 1975; 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 (Continuously licensed since 2008)

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

FCC General Mobile Radio Service licensee. Call sign WQYS474 (Continuously licensed since 2017)

FCC Restricted Radiotelephone Operator Permit. License No. RR00055117 (Continuously licensed since 2009)

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

California Contractors State License Board. Classification C7 Low Voltage Communications. License No. 433113 (currently inactive). Continuously licensed since 1982.

Associations and Professional Society Memberships

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Amateur Radio Emergency Service (“ARES”) (Member since 2017)

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

California Wireless Association (Charter Member)

Federal Communications Bar Association - National Organization (Attorney Member)

Federal Communications Bar Association – Southern California Chapter (Founding Member)

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”) (2018)

Society of Broadcast Engineers (elected Senior Member 2014; member since 2008)

Society of Telecommunications Engineers (U.S. Society; elected Senior Member since 1993; member since 1980) (Scheduled to become a Senior Member – Emeritus on January 1, 2020 – 40 years of continuous Society membership)

Society of Telecommunication Engineers (U.K. Society since 1999; elected Fellow Member)

States of California and Nevada Chapter of NATOA (Founding Member)

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Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Professional Leadership

Technology advisor to the FCC's State & Local Government Advisory Committee.

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 at: <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. 2018 - Sept. 2014)

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.

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)

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

Former 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, ICMA.

Appointed Member, Academic Advisory Council of Abraham Lincoln University School of Law. Appointed for annual terms: 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, and 2019-2020.

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**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Certifications

Subject Matter Contributor/expert, SCTE-US Society

Certified Broadcast Technologist (Society of Broadcast Engineers)

Loyal Order of the 704 (Elected Member June 1994); Membership restricted to recognized cable engineers with a minimum of 30 years in CATV engineering experience

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

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)

Awards and Special Recognitions

<u>Awarding Entity</u>	<u>Name of Award</u>	<u>Year</u>
ARRL – Amateur Radio Emergency Service	Certificate of Appreciation	2018
Abraham Lincoln U. SOL	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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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 Environmental Professionals, Orange Co. Chapter	Certificate of Appreciation: Program Presenter	2005
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
NATOA	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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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

Northeastern University Course Instructor	LWP 6500 – Doctoral Research Design 1	Summer 2019 Doctoral Level
Northeastern University Course Instructor	LWP 6123 – Law and Legal Reasoning 4	Summer 2019 Doctoral Level
Northeastern University Course Instructor	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 2019 Doctoral Level
Northeastern University Course Instructor	RFA 6100 - Introduction to Regulatory Affairs of Food and Food Industries	Winter 2019 Masters Level
Northeastern University Course Instructor	RFA 6100 - Introduction to Regulatory Affairs of Food and Food Industries	Fall 2018 Masters Level

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**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Professional 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>

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	Bellbrook, OH	Calimesa, CA
Agoura Hills, CA	Bellflower, CA	Camarillo, CA
Aiken County, SC	Bellingham, WA	Campbell, CA
Alameda County, CA	Benica, CA	Canandaigua, NY
Albany, CA	Berkeley, CA	Canton, MI
Albuquerque, NM	Bethel, AK	Capitola, CA
Alcoa, Tennessee	Beverly Hills, CA	Carlsbad, CA
Aliso Viejo, CA	Big Bear Lake, CA	Carson, CA
Anaheim, CA	Big Cypress Indian Resv., FL	Carol Stream, IL
Antioch, CA	Birmingham, AL	Casper, WY
Apache Junction, AZ	Bloomington, IL	Carson, CA
Arcadia, CA	Blount County, TN	Cedar Lake, IN
Artesia, CA	Bolingbrook, IL	Centerville, OH
Arvada, CO	Bozrah, CT	Cerritos, CA
Aurora, CO	Branford, CT	Cincinnati, OH
Aurora, IL	Brentwood, CA	Chelan, WA
Austin, Texas	Brighton Indian Resv., FL	Cheshire, CT
Avon, OH	Bronxville, NY	Chester, CT
Azusa, CA	Buena Park, CA	Chico, CA
Bakersfield, CA	Buffalo Grove, IL	Chino Hills, CA
Baldwin Park, CA	Burlingame, CA	Chino, CA
Barrington, IL	Burr Ridge, IL	Chula Vista, CA
Bartlett, IL	Butte County, CA	Cincinnati, OH
Beaverton, OR	Calabasas, CA	Clarendon Hills, IL

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Cleveland Heights, OH
Clinton, CT
Colchester, CT
Colton, CA
Columbia Heights, MI
Commerce, CA
Concord, CA
Cornwall, CT
Corona, CA
Coronado, CA
Costa Mesa, CA
Culver City, CA
Cupertino, CA
Cypress, CA
Darien, CT
Darien, IL
Davis, CA
Decatur, AL
Deep River, CT
Deerfield Beach, FL
Denver, CO
Diamond Bar, CA
Donna, TX
Downers Grove, IL
Duarte, CA
Dublin, CA
Dubuque, Iowa
DuPage County, IL
Durango, CO
Durham, CT
Dyer, IN
Eagan, MI
East Granby, CT
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

Fairfax, CA
Federal Way, WA
Flora, IL
Fort Wayne, IN
Franklin, CT
Franklin, KY
Fremont, CA
Fresno, CA
Fullerton, CA
Galena, IL
Garden Grove, CA
Gardena, CA
Germantown, OH
Glen Ellyn, IL
Glendale Heights, IL
Glendale, CA
Glenwood, IL
Goleta, CA
Goshen, CT
Granby, CT
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
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
Keith Walker
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 Station, IN
Lakewood, OH
Las Cruces, 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 Altos, CA
Los Angeles County, CA
Los Angeles, CA
Louisville, CO
Loveland, CO
Lowell, IN

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Lynchburg, VA	Norwich, CT	Richmond, CA
Madison, CT	Oak Brook, IL	Riverside, CA
Malibu, CA	Oak Park, IL	Rochester, MI
Manhattan Beach, CA	Oakbrook Terrace, IL	Rolling Hills Estates, CA
Maryville, TN	Oakwood, OH	Rolling Meadows, IL
Mentor, OH	Oceanside, CA	Roselle, IL
Merced, CA	Ojai, CA	Roseville, MI
Meriden, CT	Old Saybrook, CT	Ross, CA
Merrillville, IN	Olean, NY	Salem, IL
Miamisburg, OH	Olympia, WA	San Anselmo, CA
Michigan City, IN	Opelika, AL	San Antonio, Texas
Middlebury, CT	Orange County, CA	San Bernardino County, CA
Milpitas, CA	Orange, CA	San Bernardino, CA
Minooka, IL	Oroville, CA	San Clemente, CA
Mission Viejo, CA	Oxnard, CA	San Diego County, CA
Modesto, CA	Paducah, KY	San Diego, CA
Monrovia, CA	Palo Alto, CA	San Francisco, CA
Monterey, CA	Palm Springs, CA	San Joaquin, CA
Monterey County, CA	Palos Verdes Estates, CA	San Juan Capistrano, CA
Moreno Valley, CA	Paris, IL	San Luis Obispo County, CA
Morris, CT	Park Forest, IL	San Luis Obispo, CA
Moses Lake, WA	Pasadena, CA	San Anselmo, CA
Mount Carmel, IL	Peoria County, IL	San Marcos, CA
Mount Orab, OH	Philadelphia, PA	San Pablo, CA
Mount Prospect, IL	Pico Rivera, CA	San Rafael, CA
Mountain View, CA	Piedmont, CA	Santa Ana, CA
Mundelein, IL	Piqua, OH	Santa Barbara County, CA
Munster, IN	Pittsburg, CA	Santa Barbara, CA
Murrieta, CA	Placentia, CA	Santa Clara, CA
Napa, CA	Pleasant Hill, CA	Santa Clarita, CA
Naperville, IL	Plymouth, CT	Santa Cruz County, CA
National City, CA	Plymouth, MN	Santa Cruz, CA
New Canaan, CT	Port Townsend, WA	Santa Fe, NM
New Castle County, DE	Portland, OR	Santa Maria, CA
New Haven, CT	Portola Valley, CA	Santa Monica, CA
New Martinsville, WV	Poway, CA	Sausalito, CA
New Orleans, LA	Preston, CT	Schaumburg, IL
Newport Beach, CA	Prospect, CT	Schererville, IN
Newton Falls, OH	Raleigh, NC	Seaside, CA
Niles, IL	Rancho Palos Verdes, CA	Seattle, WA
No. Branford, CT	Redding, CT	Shoreham, MA
No. Haven, CT	Redlands, CA	Signal Hill, CA
Norfolk, VA	Redondo Beach, CA	Simi Valley, CA
North Aurora, IL	Rialto, CA	Sistersville, WV
Norwalk, CT	Rio Rancho, NM	Solana Beach, CA

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Solon, OH	Tumwater, WA	West Carrollton, OH
Somers, CT	Tustin, CA	West Chicago, IL
South Gate, CA	Union, CT	West Covina, CA
Southington, CT	Vail, CO	West Frankfort, IL
Spokane, WA	Ventura County, CA	West Hollywood, CA
Springboro, OH	Vernon, CA	West Milton, OH
St. Charles, IL	Victoria, Texas	West Palm Beach, FL
St. John, IN	Villa Park, CA	Westbrook, CT
St. Louis, MO	Villa Park, IL	Westmont, IL
Stafford, CT	Virginia Beach, VA	Weston, CT
Sugar Grove, IL	Vista, CA	Westport, CT
Sunnyvale, CA	Wallingford, CT	Wheaton, IL
Sutter County, CA	Walnut Creek, CA	White Plains, NY
Temecula, CA	Walnut, CA	Willowbrook, IL
Thousand Oaks, CA	Warren, CT	Wilmette, IL
Thurston County, WA	Warrenville, IL	Wilton, CT
Tiburon, CA	Waterbury, CT	Windsor Locks, CT
Tipp City, OH	Waterford, MI	Winfield, IL
Torrance, CA	Waterford, MN	Wolcott, CT
Torrington, CT	Watertown, CT	Wood Dale, IL
Troy, OH	Watsonville, CA	Woodridge, IL
Tuckahoe, NY	Wayne, IL	Yorba Linda, CA
Tucson, AZ	West Allis, WI	

Federal and State Agencies; Military; Associations and Private Entities

Adam Business L.P.	Carousel Broadcasting, LLC
ADR Properties	Church of the Trinity MCC
All Storage of Elk Grove	Cinnabar Hills Golf Club
Arne's Distributors	Communications Workers of America
Asif Sharfi	Conejo Regional Park District
Auburn Manor Holding Corp.	Connecticut Siting Council
Bald Mountain Communications	Cory Pence, MD
Banning Holdings, LLC	Cypress Fire District
Barry Barnes	Cypress Office Properties
Bay Side Holdings LLC	DAK Realty
Berbay Corporation	Derich Schultz
Belmont Towers	Diane Morley
Bethlehem Evangelical Lutheran Church	DNS Corporation
Bidwell Storage	Gateway Cities Council of Governments
Big Rock Inn	Federal Communications Commission
Blake & Associates	Friar Office Building
CAP Investments	Geltmore, LLC
Carmel Area Wastewater District	Grundy Industrial Complex, Inc.

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Hancock County Land, LLC	Prospect Square Council of Unit Owners
HP Investors	Reed Electric
James Quinlan	Richard Boyles
JC Resorts	Riverside Properties
Journal Square Realty Corp	Rogue Community College
KASL Technology LLC	Ronald Lombardi
KMD Storage Properties, Ltd.	Roseville Joint Union High School District
Koach Farm, LLC	San Jose Country Club
KRLY Radio	Santa Luz Maintenance Association
La Jolla Pacific Development	Santa Rosa Country Club
Las Virgines School District	Science Projects Corp.
Le Melange HOA	Scottish Rite Cathedral Long Beach
League of Arizona Cities and Towns	Scottish Rite Cathedral Association of Pasadena
League of California Cities	Seventh-day Adventists – S.E. CA Conf.
League of Oregon Cities	Silver State Schools Credit Union
Lockaway Storage	Skan Enterprises
Los Angeles Police Department	Society of Cable Telecom Engineers
Lou Ann McKenzie	South Bay Film and Video Services
Lupe Preciado, Esq.	Stafford LLC
Mark Wilde	Stephen Bonanno
McC Properties West	State of Connecticut DPUC
Moore Properties et al Corp	State of Michigan PUC
Monterey Bay Aquarium	Surf City Ventures, LLC
Moraga Properties	Sylvan Homes, LLC
Mount Soledad Presbyterian Church	T3 Capital LP
Municipal Services Associates	Tombstone Territories, LLC
National Association of Counties	Tube Art Group
National Assoc. of Telecom. Off. and Advisors	U.S. Department of Justice
National Church Residences	U.S. Marine Corps, San Diego, CA
National League of Cities	U.S. Marine Corps, Twentynine Palms, CA
NCH Galewood, LLC	U.S. Navy, Lemoore, CA
N P Limited Partnership	U.S. Navy, San Diego, CA
Noon2 LLC	U.S. Navy; Monterey, CA
Olsen Company	Ukiah Elks Building Development Corp.
Olympic Resources	United States Army, Ft. Irwin, CA
One Oak LLC	United States Conference of Mayors
Orange County Vector Control District	Valle Vista Condo Association
Otay Water District	VAM Investments
Oxnard Union School District	West Covina United Methodist Church
Pilgrim Plaza, LLC	Westar Associates
Pinnacle Lease, LLC	Western Care
Promontory Associates, GP	Yosemite Pines RV Park

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

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

Adelphia Cable v. City of Thousand Oaks (Retained by City)
Alaska National Insurance Co. v. GCI (Retained by Alaska National Ins.)
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)
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)
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)
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)
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)
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)
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. 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)

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Sunesys, LLC v. City of Huntington Beach (Retained by City)
TelePacific v. Covad/MegaPath (Retained by TelePacific)
T-Mobile et al v. City and County of San Francisco (Retained by City)
T-Mobile v. City of Albuquerque (Retained by City)
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 Los Angeles (Retained by City)
T-Mobile v. City of Thousand Oaks (Retained by City)
T-Mobile v. County of Los Angeles (Retained by County)
West Covina v. Charter Communications (Retained by City)

Published Articles Written 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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
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
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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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	Radio Frequency Interference 1991

Selected TV/Radio/Articles Mentioning Dr. Kramer

It Sure Is Tricky Getting Answers	Coronado Eagle & Journal July 12, 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
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
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
AGL Local Summit Panel Backs Market Rates for Small Cells	AGL Media Group October 4, 2018	2018

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

How 38,000 in Redding got word and fled in the Carr Fire 'gridlock and pandemonium'	Sacramento Bee July 27, 2018	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
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
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
Cincinnati Seeks Developers to Create Smart City Platform With Free Wi-Fi	Government Tech Magazine March 27, 2017	2017

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Comcast, Verizon outages now on regulators' radar: Experts say complaints keep companies accountable	Half Moon Bay Review February 7, 2017	2017
Low-power TV stations serving niches could cede airways to Wi-Fi	San Francisco Chronicle January 14, 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
<hr/>		
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
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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
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
<hr/>		
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
<hr/>		
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
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**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
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City Council Approves Verizon Monopine Cell Tower	Calabasas Patch June 28, 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
Municipality Ponders Selling Tower Leases	AGL Bulletin December 10, 2012	2012

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
Cell Tower Blues	The Acorn February 16, 2012	2012
Antonovich Calls for Time Out on Cell Tower Shot Clock	Santa Clarita Valley News February 6, 2012	2012
Law Would Remove Local Control of Tower Collocations	AGL Bulletin February 21, 2012	2012
Bribes and LTE: the Bizarre Case of LightSquared, Obama, and the USAF	Daily Tech January 24, 2012	2012
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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
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**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

AT&T Bid for T-Mobile Faces Rhodes-Scholar Review in California	Bloomberg August 10, 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
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 11, 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
San Francisco 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
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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Cell Phone Signals Coming in Disguise	Chino Hills News September 1, 2009	2009
Cell phone towers sneaking in to 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 2008 December 15, 2008	
SCTE Announcements	CT Pipeline November 11, 2008	2008
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Status Report: Leakage Detection	Communications Technology 2008 November 15, 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
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
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**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

System of the Year: Cox Orange County/Palos Verdes	Communications Tech. Mag. 2007 April 15, 2007	
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
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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	2003

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

	October 13, 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 Pothole	Plant Management March, 2000	2000
Overbuilder Seren Could Stir Up Things in Denver	Multichannel News June 7, 1999	1999

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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
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
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

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Dr. Jonathan L. Kramer, Esq.**

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

Selected University Lectures Presented by Dr. Kramer

Northeastern University, Boston, MA (multiple years; staff instructor)
 Yale University, New Haven, CT (multiple years)
 USC Annenberg School of Communications, Los Angeles, CA (multiple years)
 Salem State University (multiple years)
 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
FCC Rule Preempting State and Local Laws on Communications Tower Modifications	International Municipal Law 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 Law Assoc.	2019
FCC's 6409(a) Regulations and Small Cells	Lorman Education Services	2019
"♪ It's a Small Wireless Facility World, After all♪" Small Wireless Facilities Lecture	City Attorneys Assoc. of L.A. County Lorman Educational Services	2019 2019
Law and Society: Sociology of Law	Salem State University (MA)	2019

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Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
SOC 344		
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	Lorman Educational Services	2018

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Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
Zoning and Other State and Local Laws		
Law and Society: Sociology of Law SOC 344	Salem State University (MA)	2018
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

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Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
Internet Law and Technology – CPSC S1086 01	Yale University, New Haven Connecticut	2017
Current Issues in Cell Tower Leases	Lorman Educational Services	2017
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	International Municipal Lawyers	2016

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
Governments	Association	
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?	eNATO	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	League of Arizona Cities and Towns	2015

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
and Rules		
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 Cell Tower Leasing	Lorman Educational Services 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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

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 Everything for Government Planners	Ventura City-County Planners Association	2013
Internet and Telecommunications Law CPSC SI 86 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
Wireless Lease Buyouts: A Government Perspective	International Municipal Lawyers Association	2011

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
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	2010
Wireless Update	SCAN NATOA	2010
Major Issues in WiMAX Tower Leases and Zoning	Lorman Education Services	2010
Current Issues in Wireless Siting	Gateway Cities Council of Governments	2010
Wireless Issues Update	League of California Cities	2010

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Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
	City Attorneys' Conf.	
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
"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
Cable TV Update	SCAN NATOA Annual Conference Santa Monica, California	2009
Telecom 101: What Every Practioner Should	State Bar of California Section Education	2009

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Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
Know	Institute	
Secret Life of PDA: Ethical Considerations	State Bar of California Section Education 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
Ask the Experts	SCAN NATOA Annual Conf.	2006
Wireless and Wired Telecommunications Law Update	League of California Cities City Attorneys Section Conference	2006

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Title	Conference/Event/Host	Year
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
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

**Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.**

Title	Conference/Event/Host	Year
How to Get A Wireless Tower Siting Permit Application Denied!	IRWA Chapter 1 Conference	2003
Maximizing Wireless Resources	NATOA Annual Conference Denver, Colorado	2003
The Future of Wired Telecommunications	SCAN NATOA Annual Conf. Universal City, California	2003
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 ‘um...now 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
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

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Title	Conference/Event/Host	Year
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
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

Curriculum Vitæ
Dr. Jonathan L. Kramer, Esq.

Title	Conference/Event/Host	Year
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	Cal. Council, Construction Inspectors Association	1983

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