

DANIEL GREENWOOD

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- [Academics](#)
- [Publications](#)
- [Congressional Testimony](#)
- [E-Commerce Experience](#)
- [Arbitration Decision](#)
- [Other Experience](#)
- [Professional Affiliations](#)
- [Internet and Intranet Experience](#)
- [Education](#)
- [Community Activities](#)
- [Presentations and Speeches](#)

Academics:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA

Lecturer, 1997 - Present (Visiting Scholar: Fall, 1998); Director: MIT E-Commerce Architecture Project, August 1999 - present

Teach graduate level courses on electronic commerce, online government and distance learning (online education module conducted in collaboration with the MIT Sloan School of Management Office of Technology during the Spring, 2000 semester). Current course information available at <http://ac.mit.edu/ecap> and project information at <http://ecitizen.mit.edu> The ECAP initiative has resulted in several prototypes and papers demonstrating innovative e-commerce, e-government and distance learning applications. Sponsors include Andersen Consulting, the Office of the Prime Minister of Ireland, and Buildfolio.Com

Publications:

Legal Articles:

- [ANONYMITY AND ENCRYPTION IN INTERNET COMMERCE](#), By Daniel J. Greenwood, published as section of the American Bar Association book "Internet Law for the Business Lawyer", 2001.
- **Legal Issues With Software Agents** [draft 0.9]. Draft not yet linked.
- [Establishing a Commercial Framework for Electronic Commerce: The `Millennium Digital Commerce Act'](#), By Daniel Greenwood, (1999) Legislative analysis of electronic commerce law published on the official web site for the Commonwealth of Massachusetts.
- [Risk and Trust Management Techniques for an "Open But Bounded" Public Key Infrastructure](#), By Daniel J. Greenwood, 38 Jurimetrics J.277-294 (1998).
- [Electronic Commerce Legislation: From Written on Paper and Signed in Ink to Electronic Records and Online Authentication](#), By Daniel J. Greenwood and Ray A. Campbell, 53 The Business Lawyer 307-338 (1997). [MSWord version. HTML coming soon]
- [Electronic Signatures and Records: Legal, Policy and Technical Considerations](#), By Daniel Greenwood, Massachusetts Continuing Legal Education Best Articles Edition (1997).
- [The Client-Centeredness and Client Autonomy Model: What is the Proper Role of Moral Counseling?](#) By Daniel Greenwood, (unpublished) Spring, 1995.

- [**The Role of the Attorney-Mediator: Professional Ethics and Party Autonomy**](#), By Daniel Greenwood, (unpublished) Fall, 1994.

Reports:

- [**Joint Position on Proposed Federal Legislation to Support Electronic Commerce**](#), As chief negotiator for Massachusetts Governor Cellucci on 1999-2000 federal e-commerce legislation, I authored this position statement and assembled support from the states of Utah, Kentucky and New York. This report was released to Congress and the public on May 2, 2000.
- [**Draft Report on the Legal Treatment of Electronic Agents**](#), by the American Bar Association Workgroup to National Conference of Commissioners on Uniform State Law. As Co-Chair on this Workgroup, I delivered the report to NCCUSL at their Electronic Transactions Act meeting in Richmond, VA on 2/19/99.
- [**Certification Authority Ratings and Trust Task Force Report**](#) (Final Publication, January, 2000); As Co-Chair of this 45 member Task Force, I co-authored this report with an appointed drafting team of six people. This Task Force was a joint effort of state and federal government along with banking, technology and e-commerce consortia. The Task Force was part of the National Automated Clearinghouse Association (www.nacha.org).
- [**Report of the Online Government Task Force**](#), Commonwealth of Massachusetts, March 18, 1998. As Chairman of this group, I authored sections of this report with two other primary contributors and assembled the government Task Force necessary to investigate and develop the positions taken.

Other:

- [**Federal Case Indicates the Need for Information Age Reforms in Business, Policy and Law**](#) (case comment)
- [**Authentication and Digital Signature**](#) (posting to Temple U. Digital Signature list serve)
- [**Interface Infrastructures: More Than a Digital Signature**](#) (posting to Temple U. Digital Signature list serve)
- [**Authentication of "What" - Not Just of "Who"**](#) (posting to Temple U. Digital Signature list serve)

Congressional Testimony:

United States Senate:

- [**Testimony on the topic of making Federal forms available for filing over the Internet**](#), before the Committee on Commerce, Science, and Transportation, delivered on 7/15/98
- [**Testimony on the topic of Federal electronic authentication legislation**](#), before the Subcommittee on Financial Services and Technology, of the Committee on Banking, Housing and Urban Affairs, delivered on 10/28/97

United States House of Representatives

- [**Testimony on the topic of Federal electronic commerce legislation**](#), before the Committee on Commerce, Subcommittee on Telecommunications, Trade and Consumer Protection. delivered on 6/9/99
- [**Testimony on the topic of financial privacy of electronic data**](#), before the Committee on Banking and Financial Services Subcommittee on Financial Institutions and Consumer Credit, delivered on 9/8/97
- [**Testimony on the topic of Federal and State electronic authentication legislation**](#), before the Domestic and International Monetary Policy Subcommittee of The Committee on Banking and

Financial Services, delivered on 7/9/97

E-Commerce Experience:

Andersen Consulting, Wellesley, MA (Reporting Partner: Russ Meekins) [www.ac.com]

MIT eCitizen Liaison; 1997 - 2000, Contract Consultant 1999

Developed information architecture prototypes for e-commerce and online government applications.

Organized student competitions for "best online model idea" contests and coordinated joint MIT/Andersen Consulting government best web practices competition (see <http://ecitizen.mit.edu>).

LegalXML.Org, Atlanta, GA [www.legalxml.org]

Chairman, XMLContracts; 1999 - present

Member, Organizational Committee; 2000 - present

Legal XML develops standards for the use and transfer of legal data, such as contracts, over computer networks using the eXtensible Markup Language (XML). The Contracts effort is developing the first open standards for the creation, usage and management of contracts in e-commerce and other networked transactions using XML.

Information Technology Division, Commonwealth of Massachusetts, Boston, MA [www.state.ma.us/itd/legal]

Special Counsel for E-Commerce [on consulting retainer]; November 1999 - present

Acting General Counsel; August - November, 1999. Deputy General Counsel; August 1995 - August 1999

Created law, policy, business practices and technical standards related to the use of Internet and other computer networked communications and transactions. Developed first public key infrastructure pilots for the state. Negotiated technology contracts and licenses, drafted Electronic Signature legislation, advised on employment law and public records requests, worked on litigation. Developed and coded first state government Intranet, initiated putting state grants and other transactions on the Internet, participated in putting the state laws on the Internet, participated in creation of web-based work-flow transactions among state agencies. Chaired the [Commonwealth of Massachusetts Online Government Task Force](#), a multi-agency initiative to bring state government online for citizens and businesses. Represented the Commonwealth on the National Automated Clearinghouse Association and on the National Electronic Commerce Coordinating Council. Governor's appointment to the United States Innovation Partnership, an initiative of the [White House](#) and the [National Governor's Association](#) to foster cooperation in national technology policy.

Massachusetts Corporation for Educational Telecommunications, Cambridge, MA [www.mcet.edu]

Distance Learning Business Strategist; November 1999 - February 2000.

Conducted learning seminars on distance education technologies and methods and e-commerce systems design. Created online database of existing strategic alliances and drafted action plan to organize relationships around new core mission (which I coded for use on the web with ASP to SQL queries and updates to an Access database). Facilitated strategic planning process for redrafting mission statement and objectives related to transition from satellite based educational video broadcast company to internet based interactive educational media business.

Disputes.org/eResolution.ca Consortium, Amherst, MA [www.eresolution.ca]

Arbitrator; September 1999 - present

Serve as online arbitrator for innovative dispute resolution consortium focused upon disagreements over intellectual property on the Internet. Along with the World Intellectual Property Organization (WIPO), this consortium is accredited by the Internet Corporation for Assigned Names and Numbers (ICANN) as an official provider of Domain Name Dispute Resolution Services under ICANN's Uniform Domain Name Dispute Resolution Policy.

Online Ombuds Office, University of Massachusetts Center for Information Technology and Dispute Resolution, Amherst, MA [www.ombuds.org]

Outside Counsel and Technical Advisor; March, 1999 - March 2000.

Drafted and implemented the [electronic contracts](#) (if link is down, see [cached copy](#) here) for Internet mediation of [eBay](#) disputes, under contract with [eBay](#). Also assisted with analysis and structuring of online mediation process and evaluation matrix.

Multi-State EMail Project, Operational Services Division, Commonwealth of Massachusetts, Boston, MA [www.emall.isa.us]

Technical Security/PKI Coordinator and Staff Counsel, 1998 - present

Developed the technical architecture and practices for security and authentication in this web-based procurement project of seven state governments and ten private vendors. As staff counsel, I drafted and implemented the contracts and [Operating Rules](#) (if link is down, see [cached copy](#) here) which govern the state governments, the private vendors and the technology providers for this system. Innovated traditional state government processes by making the official and legally binding version of the of the Operating Rules an electronic web page (cited above) and not a paper document. Continue to serve as outside counsel for the EMail, redrafting the Operating Rules and related contracts and software licenses.

The Internet Council of NACHA, Certificate Authority Rating and Trust Task Force Guidelines, Herndon, VA [www.nacha.org]

Chairman, Drafting Team Member, 1997 - 2000

[The report](#) of this Task Force sets forth cutting edge thinking among public and private sector leading users and vendors of commercial public key cryptosystems. This document details contractual and governance issues as well as particular technical design and implementation models for business systems using public key certificates to authenticate users over the Internet. The Guidelines also offer specific guidance for organizations attempting to draft "certificate policies" according to the Internet Engineering Task Force Public Key Infrastructure (PKIX) Work Group Framework. The report is available at [<http://internetcouncil.nacha.org/carat.htm>].

National Electronic Commerce Coordinating Council, Washington, D.C. [<http://www.ec3.org>]

Digital Signature Committee, Chair, 1998 - 1999; E-Transactions Committee, Chair, 1999 - 2000; Portals Committee, Chair 2000 - present

The EC3 is a national organization of state government associations and private sector technology organizations formed to help harmonize government electronic commerce policies. As Chair of the Electronic Transactions Committee, organized first ever [focused survey](#) on use of electronic transactions business models, practices, legal implications and technical practices within the governments of the fifty states. Drafted successful [resolution](#) favoring market-driven e-commerce policies at the state, national and international levels. Resolution cited by White House Electronic Commerce Report.

American Bar Association, CyberLaw Committee, Chicago, IL [www.abanet.org/buslaw/cyber/workgroup.html]

Electronic Contracts Workgroup, Chairman, 1997 - 1999

Automated Transactions Task Force, Co-Chair, 1999 - present

Initiated new project investigating the legal implications for using ["electronic agents"](#) to make decisions on behalf of users, execute contracts, authorize funds transfer and perform several other e-commerce functions. More information: www.civics.com/content/agents/

HealthKey Consortium, Princeton, NJ (www.healthkey.org)

Member, Public Key Infrastructure Expert Panel, 1999 - 2000

HealthKey is a multi-state, Robert Wood Johnson Foundation funded project to create a replicable model for

Public Key Infrastructure (PKI) for the health care industry. The Expert Panel advised on technical, policy and practical issues related to the implementation of public key technologies for diverse healthcare applications in each of the five participating states.

Arbitration Decisions:

meineke.org

<http://eresolution.ca/services/dnd/decisions/0972.htm>

Decision Rendered October 9, 2001

russellstoll.com

<http://www.eresolution.ca/services/dnd/decisions/0274.htm>

Decision Rendered: October 23, 2000

peepingmoes.com

<http://www.eresolution.com/services/dnd/decisions/0218.htm>

Decision Rendered: July 18, 2000

Other Experience:

Custom Column Service, Lexington, MA

Marketing Director; February 1991 - July 1992

Developed new product line, automated advertising layout process, digitized current advertising content and artwork, arranged and conducted telemarketing & trade shows, sold advertising.

Save Our Senate, Wellesley, MA

Executive Director; May 1990 - January 1991

Managed political action committee staff, raised funds, executed televised press conferences.

Dan Greenwood Associates, Lexington, MA

President and Founder; June 1991 - present

Developed e-commerce services, public relations and web site construction consultancy. Work includes business planning, marketing, press relations, government relations and televised ads. Clients include:

- Miyagi University, Japan
- Massachusetts Corporation for Educational Telecommunications, Cambridge, MA
- Suffolk University Law School, Boston, MA
- New England Educational Services, Inc., Bedford MA
- Barletta Construction, Roslindale, MA
- Wat Dhammakaya, Buddhist Temple, Bangkok, Thailand and Singapore

Office of the United States Attorney, Boston, MA

Law Clerk; August 1994 - December 1994

Worked in Organized Crime and Drug Enforcement Task Force, participated in indictments, revised search warrants, analyzed criminal laws, composed memos, organized trial files, attained secret security clearance.

Office of Alan Dershowitz, Harvard Law School, Cambridge, MA

Law Clerk; January 1994 - August 1994

Researched and analyzed state and federal criminal law, reviewed extensive trial record for appeal, organized televised press conference in Irvine, CA, composed memos, authored case updates for client.

Executive Office for Administration and Finance, State House, Boston, MA

Legal Intern; June 1993 - January 1994

Authored welfare study, settled tort claim against the state by Aetna, evaluated sections of the state budget, composed several memos.

Professional Affiliations:

American Bar Association, (www.abanet.org)

Information Security Committee, Science and Technology Section; Member;

Contributing Member: Digital Signature Guidelines

Chairman: Subcommittee on Legislation and Regulation, 1996 - 1999

Committee on the Law of Commerce in Cyberspace, Business Law Section, Member;

Chairman: Electronic Contracts Work Group, 1997 - 1999

Chairman: Automated Transactions Task Force, Internet Law Sub-Committee 1999 - present

Boston Computer Society (www.tiac.net/users/bcslegal)

Chairman, Legal Interest Group, 1996 - 1997

SigNet.Org, Inc. (Information Technology Trade Association) {www.signet.org}

Member, Board of Directors (1997 - present)

Chairman, Legal and Policy Special Interest Group (1997 - present)

Buildfolio (www.buildfolio.com)

Member, Board of Advisors (1999 - present)

Internet and Intranet Technical Experience:

[Selected Web Site Portfolio and Open Standard Internet Language Experience]

[Office of the General Counsel, Information Technology Division, Commonwealth of Massachusetts](#)

[Suffolk University Law School](#)

[MIT LegalXML Online Element Registry Database](#) (prototype)

[Take Off!](#) (Aeronautics Education Web Site for NASA, MCET and the FAA)

[MIT Electronic Commerce Architecture Project](#) (with Shockwave and database integration assistance from Andersen Consulting)

[Boston Computer Society Legal Group](#)

[Lexington Cary Memorial Public Library](#)

[Executive Office for Administration and Finance, Commonwealth of Massachusetts](#)

(Intranet Site - available only behind state firewall)

[Federal Legislative Content Service for E-Commerce Policy Issues](#)

[XML Contracts Open Standards Page](#)

[The Book Cellar - cafe and used book store. A cultural mecca in Porter Square, Cambridge.](#)

[Internet and the Law](#)

(web presentation for speech by Ray Campbell, III)

[selected pages from additional proprietary sites commissioned in the last year available upon request]

Languages:

- **Extensive experience with [Hyper Text Markup Language \(html\)](#)** (including consulting, lectures and personal use)
- **Novice [Perl](#) language experience:** including [Web Conference](#) and [Feedback Forms](#)
- **Creating a [Virtual Reality Modeling Language \(VRML\)](#)** three-dimensional Internet site (not yet available)
- **Audited a [C++ computer language](#)** class at the Harvard Extension School. My little programs will be available for download here soon.
- **Novice [Active Server Page](#) capacity** (check out my little html to asp to SQL to a database to dynamically generated html [page](#))
- **[eXtensible Markup Language \(XML\)](#)** (including CSS) developing a document type definition and schema for agreements and contracts marked up with XML.

Education:

SUFFOLK UNIVERSITY LAW SCHOOL, Boston, MA

J.D., Awarded: May 1995 [Licensed to Practice Law in Massachusetts: 1995 - present]

Honors:

- Cum Laude
- Dean's List, 1993 - 1995
- Best Brief Competition, Legal Practice Skills, Honorable Mention
- 1994 Balfour Scholarship winner, Phi Delta Phi merit based award

Activities:

- American Bar Association
 - First Circuit, Lieutenant Governor, 1994 - 1995
 - National Law Student Division, Representative, 1994 - 1995 (initiated three law and technology resolutions)
 - Suffolk University Law School Chapter, President, 1994 - 1995
- Phi Delta Phi, International Legal Honors Fraternity, President, Rehnquist, Chapter 1994; Member 1993 - present
- Student Bar Association
 - Senator 1992 - 1994
 - Officer 1994 - 1995
 - Technology and Library Committee; Founder and Member 1994 - 1995
- Competition

- Mock Trial; Second Year Competition, 1993

Quarter Finalist

- Mock Trial; Third Year Competition, 1994
- Moot Court, Clark Appeal Level Competition, 1994
- American Bar Association Client Counseling Competition, 1993
- American Bar Association Negotiation Competition, 1993

Legal Research Assistantships:

- Professor Michael L. Rustad. Suffolk University Law School, Boston, MA. Researched medical malpractice punitive damage awards, analyzed case law and interviewed litigators. Worked the spring semester of 1994.
- Professor Mary H. Flaherty. Suffolk University Law School, Boston, MA. Researched and drafted writing assignments for first year students. Worked the summer of 1993.

CLARK UNIVERSITY, Worcester, MA

B.A. awarded May 1990

Activities:

- History Society, President, 1989, Member 1987 - 1990
- Clark Civil Liberties League, Co-President, 1989-90, Delegate to the Mass. Civil Liberties Union
- Clark Campus Republicans, President, 1989, Delegate to the Federation of College Republicans
- Student Government, Member, Judiciary Committee, 1986 - 1987
- Clark Crew, Team Member 1988
- Winner, Clark Battle of the Bands, 1989 (lead guitar and backup vocals)

Community Service and Personal Interests:

Lexington Town Meeting

Elected to three year term in 1990, Precinct Chairman, 1992

"The Metro" on Cablevision

Co-host of public affairs issues cable bi-weekly television show, 1991 - 1993

Toast Masters

Raytheon, Lexington 1991 - 1993, Vice President 1992

Lexington Republican Town Committee

Elected in town wide ballot: 1990 - 1994

Elected Delegate to the Massachusetts Republican Convention; 1990 and 1994 (pledged to William Weld)

Boston Bar Association's Volunteer Lawyers Project [www.vlpnet.org]

Volunteer Consumer Panel Attorney; 1996 - present (assist indigent consumers with claims of unfair and deceptive trade practices and other claims against seller misconduct)

Massachusetts NetDay

Volunteer Committee Member, 1996 - 1997

Boston Ultimate Disc Alliance

Player and Volunteer, 1997 - present (www.buda.org)

Sgt. Monkey

Lead guitar, occasional song composer, 1997 - present (www.civics.com/sgt_monkey - Samples Available in MP3 format)

Presentations and Speeches:

- * International Quality and Productivity Center's Conference on E-Government Best Practices (Hilton Alexandria Old Town, Alexandria, VA, May 16-17); Chairman of the Conference and Panelist for Information Security Plenary Roundtable
- * Performance Enhancement Commission for the Commonwealth of Massachusetts (Boston, MA, May 11, 2000); Topic: Framing Authentication, Identity and Privacy for Better Government
- * Boston Bar Association, High Technology Committee, Business Law Section (Boston, MA, May 9, 2000); Topic: The Benefits of the Uniform Electronic Transactions Act in the Context of Federal Legislative Action
- * Government Delegations from 6 Middle East Countries, Hosted by World Boston (Boston, MA, May 3, 2000); Topic: International Implications of E-Commerce Business Flows
- * U.S. House and Senate Commerce Committee Staff (Washington, D.C., April 20, 2000); Topic: Problems and Prospects for Federal Law Governing E-Commerce
- * Delegation of Government Clerks, Ireland, Hosted by the Boston College Irish Institute (MIT, Cambridge, MA, April 4, 2000); Topic: Building E-Commerce Architectures Today for the Public Sector of the Future
- * U.S. Senate Commerce Committee Staff (Washington, D.C., March 16, 2000); Topic: The Applicability of Electronic Records Laws to Current Records Retention Requirements Related to Public Safety, Health and Order
- * NACHA, Internet Council, Plenary Session (San Diego, CA, March 14, 2000); Topic: Technical and Business Trends Towards Portals and Integrated Services Via the Web
- * LegalXML.Org Membership Meeting, Plenary Session (Atlanta, GA, March 1-2, 2000); Topic: Overview, Issues and Approaches to the Application of eXtensible Markup Language (XML) to Contracts and Agreements
- * National Appellate Advocacy Competition of the American Bar Association (Boston, MA, February 26, 2000); Served as Judge on Topic of First Amendment Applicability Within Public Schools
- * U.S. House and Senate Commerce Committee Staff (Washington, DC, February 23, 2000); Topic: Alternative Formulations of Law Applicable to E-Commerce
- * Dutch Government Delegation, Including Mr. Rogier van Boxtel, Secretary for Information and Communications Policies and Other Officials (MIT, Cambridge, MA, February 10, 1999); Topic: A Packet in Every Pot: Innovative Uses of Information Technology for Better Government
- * Italian Government Delegation, Hosted by World Boston (MIT, Cambridge, MA, February 4, 2000); Topic: Using Information Technologies for Faster, Better and Less Expensive Government.
- * Buildfolio.Com (Palo Alto, CA, January 27, 2000); Topic: Recent Activities of the MIT E-Commerce

Architecture Project

- * Massachusetts Division of Banks and Division of Insurance (Boston, MA, January 19, 2000); Topic: Briefing on Relationship Between Current and Pending State Laws and Pending Federal Law Affecting Government Oversight of Regulated E-Commerce Business Transactions
- * U.S. Senate Commerce Committee Staff (Washington, DC, January 18, 2000); Topic: Underlying Sources of State Law Affecting E-Commerce
- * Microsoft State and Local Government Forum (Microsoft Main Office, Washington, DC, December 20, 1999); Topic: Trends in State Government Policy, Practice and Direction for E-Commerce
- * People's Republic of China Economic Information System delegation to the United States, in Cooperation with the Institute for Transitional Economies (MIT, Cambridge, MA, December 6, 1999); Topic: Public Key Technologies for More Efficient Government
- * Greater Boston Chamber of Commerce; Leading Industries Committee (Boston, MA, November 18, 1999 - morning); Topic: E-Commerce Legal and Policy Issues for the Next Year: State and Local Legislation and Requirements.
- * Boston Bar Association (Boston, MA November 18, 1999 - afternoon); Topic: Using Contracts and Operating Rules to Structure E-Commerce Transactions Under State and Federal Law.
- * Massachusetts Continuing Legal Education Seminar (Boston MA, November 18, 1999 - evening); Topic: The Uniform Electronic Transactions Act: What You Need to Know About State and Federal Legislation
- * The National Electronic Commerce Coordinating Council, Third Annual Conference (San Diego, CA, November 11-13 , 1999);
 - November 11, Topic: Electronic Transactions: Trends, Problems and Prospects in the States (Plenary Session)
 - November 12, Topic: EC Transactions & Implementation Issues (Roundtable)
- * Delegation of Irish Government Officials, Hosted by The Irish Institute of Boston College (Boston, MA, October 26, 1999); Topic: Using the Internet as a Tool for Citizen Self-Governance and Better Government.
- * International Quality and Productivity Center's Conference on Government Service Delivery Online: [Transforming Service Delivery in the Information Age](#) (Alexandria, VA., September 28 & 29, 1999); Chairman of the Conference and Workshop Leader for Topic: Planning and Designing the Architecture and Management of Your Web Site for Online Government Based Upon the "Virtual State House" Project Lessons
- * U.S. General Services Administration (New Orleans, LA, June 22, 1999); Topic: Using Operating Rules to Organize Your Public Key Infrastructure
- * U.S. House of Representatives, Committee on Commerce, Subcommittee on Telecommunications, Trade and Consumer Protection (Washington, D.C., June 9, 99); Topic: Federal Electronic Commerce Legislation: Interdependencies With State Commercial Law.

- * Colorado Fiscal Managers Association (Breckenridge, CO, May 20, 1999); Topic: Electronic Transactions With Government
- * Massachusetts Health Data Consortium, Secure E-Mail Project (Boston, MA, May 6, 1999); Topic: Elements of a Certificate Policy and Operating Rules
- * Sawyer School of Management, Suffolk University (Boston, MA, April 21, 1999); Topic: Developing E-Commerce Business Practices With Due Regard for Legal and Policy Requirements
- * Glasser Legal Works Seminars and the ABA Science and Technology Section's Fourth Annual Conference on Cyberbanking and Electronic Commerce Law (Washington, D.C., March 18, 1999); Topic: Electronic Contracting: Security, Authentication and Enforceability
- * National Governor's Association (Hall of the States, Washington, D.C., January 8, 1999 - weather delayed to February); Topic: Electronic Commerce Policy Agenda for the States: Problems and Prospects for 1999.
- * State of Florida Electronic Commerce Conference (Tallahassee, FL, January 26, 1999); Topic: Case Studies and Best Practices in Public Sector Secure Electronic Commerce
- * World Research Group Seminars: Best Practices for Electronic Procurement (Los Vegas, NV, January 25, 1999); Topic: Using Operating Rules to Define and Enforce Business to Business Commerce on the Internet
- * RSA Data Security Conference and Expo (San Jose, CA, January 20, 1999); Topic: The Realities of PKI Cross-Certification
- * Electronic Commerce Coordinating Council Second Annual Conference on Electronic Commerce in the States (Phoenix, AZ, December 10, 1998); Topic: Managing the Use of Digital Signatures Based Upon Business Objectives and Legal Requirements
- * American National Standards Association, X9F5 Working Group (Boston, MA, November 19, 1998); Topic: The report of the Certificate Authority Ratings and Trust Task Force: How to Use Business Objectives as Technical Requirements for Public Key Infrastructure Standards
- * Government CIO Summit, Security and Privacy Risk Management: Enabling Electronic Transactions (Kiawah, SC, November 16, 1998); Topic: Operating Rules for Public/Private Electronic Commerce Transactions
- * Interview with: Online Today (Talk America Radio Show) (WebCast, November 8, 1998); Topic: Online Government
- * Colorado State Government Electronic Commerce Conference (Pueblo, CO, November 5, 1998); Topic: Electronic Commerce: The Intersection Between the Public and Private Sectors
- * Georgia Electronic Commerce Association (Atlanta, GA, October 28, 1998); Topic: A Role for American States in the International Internet Policy Arena
- * Defending Cyberspace Conference (jointly held by CT/SC and the National Automated Clearinghouse Association) (Washington, D.C. September 24, 1998); Topic: Electronic Authentication: Operating Rules and Legislation
- * Seventh Annual Florida Government Technology Conference (Florida, September 23, 1998); Topic: Writing Rules and Hacking Code: Like Peanut Butter and Chocolate

- * Government Technology Conference, GTC'98 (Albany, NY, September 17, 1998); Topic: CIO Roundtable: Electronic Government
- * Massachusetts Executive Leadership Forum on Electronic Commerce (Boston, MA, September, 1998); Topic: Privacy: the Number One Issue for Consumer and Citizen Transactions Via the Internet
- * Third USENIX Workshop on Electronic Commerce (Boston, MA, September 3, 1998); Topic: Current Mapping of Public Key Infrastructure (PKI) to the Law
- * Massachusetts Interactive Media Council, Legal Seminar (Cambridge, MA, June 25, 1998); Topic: Digital Signatures: Authentication and Enforcement of Contracts Online
- * Federation of Tax Administrators, Sixty-sixth Annual Meeting (June 15, 1998); Topic: Electronic Commerce Law
- * Harvard J.F.K. School of Government, Conference on Privacy, Security and Electronic Government: (Cambridge, MA, June 11 - 12, 1998); Topic: Verification and Enforcement Challenges for Online Government
- * Global Center for Electronic Commerce, University of Maryland: Baltimore Campus, 2-way Simulcast to Canadian Campus (Baltimore, MD, June 2, 1998); Topic: Electronic Commerce and the States in a Global Environment
- * Cash Management and Electronic Commerce; NASACT (Washington, D.C., May 15, Afternoon, 1998); Topic: Electronic Commerce Legislative Initiatives (debate against Congressional staff)
- * Third Institute on International Trade and Investment, by the U.S. Department of Commerce and the George Washington School of Law (Washington, D.C., May 15, Morning, 1998). Topic: Electronic Commerce Law: Alternatives to Legislation
- * Medical Records Institute Conference: Toward An Electronic Patient Record '98 (San Antonio, TX, May 14, 1998); Topic: 98 Digital Authentication and Security: Business, Legal & Technical Dimensions
- * The Central Texas E-Com. Users Group San Antonio Chapter (San Antonio, TX, May 13, 1998); Topic: Digital Authentication and Security: The Intersection of Business Practices and Legal Rules
- * State of Texas, EC Solutions Summit (J.J. Pickle Center, TX, May 12, 1998); Topic: Electronic Commerce Solutions for Government
- * CardTech/SecureTech [CT/SC] Conference (Washington, D.C., April 30, 1998); Topic: Digital Signature Law and Electronic Commerce
- * BAI Electronic Banking Conference (New Orleans, LA, April 24, 1998); Topic Digital Signature Law and E-Commerce Policies
- * Wisconsin State Government Electronic Commerce Conference (Madison, WI, February 26, 1998); Topic: Governance in a Wired World
- * The Internet Council of the National Automated Clearinghouse Association (San Diego, CA, February 7, 1998); Topic: Certification Authority Ratings and Trust Update and Directions
- * Electronic Commerce in the States Conference, Jointly Sponsored by: NASIRE/NASACT/NASPO (San

Antonio, December 10, 1997); Topic: Electronic Authentication at the State and Federal Levels

* Virtually Wired Education Foundation, Public Classes (Boston, MA, Periodic, Fall 1997); Topic: Survival Training for the Cyber-Consumer

* Internet Law and Policy Forum, Electronic Signature Legislation Conference (Washington, D.C., November 23, 1997); Topic: The "Thin Approach" to Legislation: Less is More for the Market

* RAND Round Table on Electronic Commerce (Washington, D.C., November 5, 1997); Topic: The Non-Regulatory Approach to E-Commerce Policy

* Foley, Hoag and Elliot, Intellectual Property Practice (Boston, Massachusetts, May, 1997); Topic: Commonwealth of Massachusetts Information Technology Law and Policy Developments

* Medical Records Institute Conference: Toward An Electronic Patient Record '97 (Nashville, Tennessee, April, 1997); Topic: Cryptography in Health Care Information

* Syracuse University College of Law: Center for Global Law and Practice (Syracuse, New York, April, 1997); Topic: The Law of Electronic Commerce: Netting Around the Globe

* Massachusetts Bankers Association (Marlborough, MA, April, 1997); Topic: Commonwealth of Massachusetts Secure Internet Filing Division of Banks Pilot

* State of Rhode Island, House of Representatives Special Legislation Committee (State House, Providence, Rhode Island, April, 1997); Testimony Relative to the Rhode Island Electronic Records and Signature Bill (enacted)

* SigNet.Org, Legal and Policy Special Interest Group (Boston, Massachusetts, March, 1997); Topic: The Legal Dimensions of Business on the World Wide Web

* Massachusetts Export Council (Bedford, MA, March, 1997); Topic: Using the Internet as an International Business Tool: The Legal Dimension

* The Digital Commerce Society of Boston (The Downtown Harvard Club of Boston, MA, March, 1997); Topic: Online Government & Electronic Commerce -Legislation and Public Sector Initiatives

* The International Institute for Business Technologies (Kissimmee, Florida, March, 1997); Topic: Using the Internet as a Business Tool

* American Bar Association, Cyberspace Law Committee, Featured Speaker (New Orleans, LA, January, 1997); Topic: Information Technology Law and Policy

* Massachusetts Continuing Legal Education, Inc., (Boston, Massachusetts, January, 1997); Topic: Health Care and Information Technology

* Perkins, Smith and Cohen, High Technology Law Department (Boston, MA, January, 1997); Topic: Overview of the Draft Massachusetts Electronic Records and Signature Act

[Click Here to Link to a Short Bio for Daniel Greenwood](#)