

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

## EDUCATION

---

### **HARVARD UNIVERSITY, Cambridge, MA**

*Data Science Graduate Certificate, expected 2021.*

### **GEORGETOWN UNIVERSITY, Washington, D.C.**

*Cybersecurity Strategy Graduate Certificate, 2015.*

### **THE GEORGE WASHINGTON UNIVERSITY LAW SCHOOL, Washington, D.C.**

- *Fellow, Center for Law, Economics, and Finance, 2010-2011.*
- *Visiting Scholar, International and Comparative Law Program, 2010.*
- *Juris Doctor, 2001.*

### **UNIVERSITY OF HOUSTON – CLEAR LAKE, Houston, TX**

*Master of Business Administration*

### **OKLAHOMA STATE UNIVERSITY SYSTEM – EAST CENTRAL**

*Bachelor of Science, Medical Technology*

---

## PROFESSIONAL EXPERIENCE

---

### **DUQUESNE UNIVERSITY SCHOOL OF LAW, Pittsburgh, PA**

*Assistant Professor of Law, 2019-Present*

*Honors:* Duquesne University, Presidential Scholarship Award for artificial intelligence (“AI”) law, policy, and ethics book project. Inaugural Racial Equity grant award, The Center for Community-Engaged Teaching and Research, Duquesne University for project, *Algorithmically Unjust Housing: Systematized Racism in Housing Artificial Intelligence Systems & Empowering Future Lawyers to Discover and Dismantle It.*

*Courses taught:* Property I and II in-person and fully online. Curricula incorporating social justice, anti-racism, cultural competency, and bias awareness, as well as legal futures and internationalist perspectives.

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Courses under development:* Artificial Intelligence Law, Policy & Ethics; Cybersecurity Law and the Law of Cyber War; Algorithmically Unjust Housing seminar.

*Desired teaching:* Flexible. Special value and interest as to AI, intellectual property, cybersecurity, privacy, contracts, advanced technology contracting, critical race theory, feminist legal theory, property, torts, and professional responsibility. Pedagogy includes diversity-focused project-based learning and anti-racism, implied bias, and social justice philosophies. Extensive participation in online and other pedagogy trainings. High competencies with online learning platforms and other technology tools.

*Selected service:* Dean's Diversity Action Council, 2019-present; Disciplinary Committee, 2020-present; Student Support Committee, 2020-present; Admissions Committee, 2019-present. Alumni relations. Student consultations and mentoring on anti-racism and anti-discrimination and on directed research and career development activities such as to the Internet of Things, space flight, regulation of drones, pharmaceutical rationing and COVID treatment politicization, facial recognition, and other topics.

*Selected scholarship:* 2020 Association of American Law Schools Annual Conference, *Artificial Intelligence, Ethics & Law. Section on Law and Technology* (panelist). *AI, on the Law of the Elephant: Toward Understanding Artificial Intelligence*, – BUFFALO L. REV. –. ARTIFICIAL INTELLIGENCE LAW, POLICY & ETHICS, book contract under negotiation. Multiple presentations at scholarly conferences and workshops and invited publications. Please see more, *infra*.

*Funding work:* Duquesne University, Presidential Scholarship Award (awarded); Duquesne University, The Center for Community-Engaged Teaching & Research, Racial Equity Grant (awarded); Spencer Foundation, Research Grants on Education (under development); National Science Foundation, Directorate for Social, Behavioral and Economic Science, Law & Science Program Research Proposal (under development); Robert Wood Johnson Foundation, Policies for Action: Research on Housing Policies That Promote Equity; Duquesne University, Faculty Development Fund.

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

## UNIVERSITY OF MARYLAND GLOBAL CAMPUS, Washington, D.C. area

*Assistant Professor (Adjunct), The Graduate School, 2017-Present*

Courses taught: Multiple terms, Communicating, Problem Solving, and Leading in Cybersecurity (6-credit core course for all six cybersecurity master's degree programs); one term, Communicating, Problem Solving, and Leading in Business (6-credit core course for business master's degree programs). Students predominantly active duty and former U.S. service members, members of the national intelligence community, government agency professionals. Hybrid and online teaching modalities. Onsite teaching at campuses near the National Security Agency and Fort Meade, Maryland.

## TECHNOLOGY LAW GROUP, Washington, D.C. area

*Founder, Chief Technology Counsel, 2003-Present*

*History* – In 2003, I founded state's only woman-led technology law firm. Since its inception to present, the firm has employed a virtual technology-enabled model and used an agile practice approach, convening targeted teams and expertise to execute on client projects. Within less than three years of start-up, I had built the state's largest intellectual property firm and only woman-owned such firm with \$1M in revenue with a team of nineteen. I began my independent scholarship on female entrepreneurship in 2008 and returned to Washington, D.C. in 2009 as visiting scholar and then fellow with The George Washington University (GW) Law School. I have operated the firm continuously since 2003 and virtually as a solo collaborative practice since 2009. Since preparing to join the Duquesne Law faculty, my practice has been limited to consulting with select clients on intellectual property and litigation matters.

*Representative Technology Clients* – Cisco Systems, Inc.; Accenture; Hewlett-Packard Company; SimSpace Corporation; Albertson's Corporation (now SuperValu); Washington Group International (now URS); Blue Cross; Causeit, Inc., a digital futures consultancy; and emerging technology companies, universities, medical institutions, artists, and innovators. My [LinkedIn profile](#) details my firm's long-term extended

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

team/outside counsel engagements with Cisco (2013-2018) and HP (2003-2008).

*Representative Intellectual Property Strategy Matters* – Formulate patent and intellectual property strategy for companies and universities. Devise outbound patent licensing strategy in mobile phone and other consumer electronics sectors. Investigate chains of title and document intellectual property portfolio for university. Advise executives, corporate boards, and engineering teams as to invention creation, patenting prioritization, defensive intellectual property development, chain of title, assignment, and international intellectual property monetization matters.

*Representative Technology Matters* – Extensive emerging information technology licensing and other transactions worldwide. Indemnity and defense tenders and common defense negotiations in patent infringement litigation. Global risk assessment for mobile application development and offerings in healthcare, connected cars (telematics), mobile payment, and other industries. Negotiated, drafted, monitored compliance, and enforced numerous technology transaction, litigation, and other agreements. Cybersecurity transactions on DARPA and other projects with U.S. Department of Defense and military branches, national laboratories, university research institutes, and industry. English and Spanish language transactions.

*Representative Litigation Matters* – First and second chair trial in federal and state matters. Lead investigations counsel on multilingual and cross-border patent, conspiracy, racketeering, and related matters; international investigations, contract enforcement, due diligence, and patent assertion litigation; Computer Fraud & Abuse Act litigation; corporate litigation; trademark and trade secret misappropriation litigation; patent defense litigation against non-practicing entities; defamation and misappropriation of digital assets in online games; software piracy matters, including in collaboration with Federal Bureau of Investigation. *Pro bono* counsel in domestic violence and international child abduction prevention matters.

*Representative Intelligence Matters* – Chief investigations counsel for multijurisdictional patent and trade secret theft litigations in China, South Korea, the United States. Developed extensive multilingual international tech sector intelligence

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

organization. Created processes and systems by which to execute pre-filing inquiries in accordance with Federal Rule of Civil Procedure 11 requirements. Synthesized strategic intelligence dossiers on multiple Chinese, Taiwanese, and other multinational tech organizations. Created command and control structure analyses reaching to 2000 companies per organization. Developed forensic and other complex analyses, including for auditing patent royalty reports and enforcing inbound patent licensing contracts. Due diligence analyses for merger & acquisition activities in intellectual property services industry. Mapped technology convergence trends involving mobile devices.

**GIESECKE & DEVRIENT, Washington, D.C. area, €8B private German firm**

*Information Technology Counsel, Mobile Security, Americas, 2012*

*Representative Projects* – Software development, confidentiality and secret material, outbound licensing involving secure operating system, secure elements, secure virtual containers, and secure over-the-air services for mobile devices, outbound and inbound software development kit licenses; requests for proposals; contract template development, standardization, and other legal infrastructure development; risk assessment and management; numerous Open Source and standards compliance projects. Worked constantly and collaboratively with sales executives. Extensive negotiations and international transactions, including on payment card, identity authentication, and M2M (machine-to-machine) matters.

*Representative Industry and Government Transactions* – OEMs (e.g., Intel, Motorola Mobility, IBM, 3M, HP, Amazon); software and related companies (e.g., Symantec, OnStar); MNOs (e.g., AT&T Mobility, Verizon, T-Mobile); finance and credit companies (e.g., JPM Chase, Capital One, American Express); central and commercial banks (Banco Central de Bolivia, Bank of Canada, Royal Bank of Scotland); taxing authorities (State of Michigan); personnel identification management (U.S. Department of Defense); mobile security, open source, integrated circuits, microprocessor chips (ARM Limited, Qualcomm, Symantec, Intel); standards (PCI, GlobalPlatform).

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

## **U.S. DEPARTMENT OF COMMERCE, Washington, D.C.**

*Attorney-Advisor, Office of General Counsel, Office of the Secretary, 2010-2011*

*Technology Transactions* – With secret clearance, advised all eleven agencies under the auspices for the Department, including the National Institute of Standards and Technology and the International Trade Commission. Structured, negotiated, and drafting contracts for outbound software, patent, data rights, and technology licensing and other transactions between U.S. Department of Commerce, including its numerous constituent agencies, and U.S. Departments of Defense and Homeland Security, Office of Naval Research, and numerous other federal, state, and international government agencies and private entities. Advised on IP commercialization, patent issues, and software development audits, distribution restrictions, and Open Source compliance and licensing issues. Extensive negotiations with government and other parties.

*Fiscal Law, Compliance & Government Transparency* – Ensured compliance with federal appropriations, including under continuing resolutions, agency-specific statutes and regulations, and Office of Management and Budget, General Accounting Office, and other executive branch requirements. Carried out privacy, record retention, and other compliance and adjudicatory matters. Adjudicated Freedom of Information Act appeals and drafted decisions and advisory memoranda. Worked with constituent agency offices of general counsel and ethics counsel on numerous matters, including as to text messaging implementations to comply with public records statutes.

## **HONORABLE SERGIO A. GUTIERREZ, IDAHO COURT OF APPEALS, Boise, ID**

*Judicial Law Clerk, 2002-2003*

Prepared bench and draft criminal and civil appellate opinions, many on issues of first impression in state's evolving jurisprudence. Proposed new legal theories from analyses of legislative history and multijurisdictional jurisprudence. Participated in argument preparation, review, and judges' conferences. Appointed to Idaho Supreme Court committee on access to justice and the judiciary.

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

**HONORABLE SHEILA FOSTER ANTHONY, U.S. FEDERAL TRADE COMMISSION,  
Washington, D.C.**

*Law Clerk to Commissioner Sheila Foster Anthony, 1998-1999*

*Federal Trade Investigator & Law Clerk, Division of Marketing  
Practices, 1999-2001*

*Policy & Adjudication* – Drafted congressional testimony,  
commissioner briefs and opinions, and Commission decisions in  
consumer protection and antitrust matters. Assigned as  
Congressional liaison. Commended for Online Privacy Report.

*Internet Fraud Litigation* – Extensive litigation work and  
investigations with Department of Justice, Department of  
Treasury, FBI, and multiple state attorneys general and foreign  
authorities. Commendations for Internet fraud litigation work.

**Pre-Law Career in Technology Business** (*machine vision, information  
technology, digital image processing, optoelectronics & optics*) **and**  
**Healthcare and Medical Technology** (*teaching hospital administration,  
large group practice finance, genetics & clinical laboratory science*).

---

## SERVICE, BOARDS, AND COMMITTEES

---

### **Duquesne University School of Law, Pittsburgh, PA**

*Student Support Committee, 2020-present.*

*Faculty Advisor, Hispanic-American Bar Association, 2020-  
present.*

*Dean's Diversity Action Council, 2019-present.*

*Admissions Committee, 2019-present.*

*Co-Chair, Connections with Innovation Sector outreach  
initiative, 2020.*

*Cross-Disciplinary Pillar Committee, 2020.*

*Faculty Sponsor for DUQUESNE LAW REVIEW and other Student  
Directed Research Projects:*

*Erin McCluan, 'Thank You for Your Sacrifice': Off-Label  
Drug Regulation Strategies for Protecting  
Hydroxychloroquine Access in the Pandemic Era (2020).*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

## **IEEE (Institute for Electrical and Electronics Engineers)**

*Artificial Intelligence & Autonomous Systems Policy Committee, 2019-present.*

*National Institute of Standards and Technology, Artificial Intelligence Explainability Comments Working Group, 2020.*

*IEEE-Standards Association, Computer Society/Software & Systems Engineering Standards Committee*

*P2863 Organizational Governance of Artificial Intelligence Working Group, 2020-present.*

*AI Governance Principles Subgroup, 2020-present.*

*P7000 Engineering Methodologies for Ethical Life-Cycle Concerns Working Group, 2019-2020.*

*P7002 Personal Data Privacy Working Group, 2019-2020.*

*P7003 Algorithmic Bias Working Group, 2019-2020.*

*P7010 Well-being Metric for Autonomous and Intelligent Systems.*

*IEEE Society on Social Implications of Technology/Social Implications of Technology Standards Committee*

*P2865 Standard Taxonomy for Responsible Trading of Human-Generated Data (monitor).*

## **The George Washington University Law School Latino Law Alumni Association, Washington, D.C.**

*Board of Directors, 2011-2014.*

## **American Bar Association**

*Information Technology Division Liaison, American Bar Association, Membership Committee, 2012-2014.*

*Member, Diversity Action Group, 2011-2014.*

*Intellectual Property Law Section*

*Chair and Vice Chair, Digital Games and New Media Committee, 2012-2014 and 2011-2012, respectively.*

*Chair, Publication Subcommittee, Digital Games and New Media Committee, 2009-2014.*

*Member, Selection Committee, Fellows Program, 2010.*

*Co-Chair, Licensing Committee, 2005-2006.*

*China Committee, a joint committee of American International Law, Intellectual Property, and Science and Technology Sections advising at the invitation of the Chinese government and*



# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*otherwise as to the creation and reformation of Chinese intellectual property law, 2005-2007.*

## **Caring Technologies, Inc., Boise, ID**

*Board Counsel, 2008.*

## **Idaho State Bar, Boise, ID**

*Diversity Section*

*Inaugural Executive Committee, 2008-2009.*

*International Law Section*

*Inaugural Executive Committee, 2008-2009.*

*Intellectual Property Law Section*

*Executive Committee, 2007-2008.*

*Chair, 2005-2007.*

*Vice Chair, 2004-2005.*

*Secretary-Treasurer, 2003-2004.*

## **KickStand, Boise, ID (state's largest non-profit entrepreneurship group)**

*Board of Directors, 2006-2008.*

*Board Counsel, 2007.*

## **Licensing Executives Society**

*Secretary, High Tech Section, 2006-2007.*

*Chair, Internet and E-commerce Committee, 2005-2006.*

---

## **HONORS AND AWARDS, REPRESENTATIVE**

---

**Racial Equity Grant, Inaugural Faculty Awardee, The Center for Community-Engaged Teaching & Research, Duquesne University, 2020.**

**Presidential Scholarship Award, Duquesne University, 2020.**

**National Association of Women Business Owners, Women Business Owner of the Year, Finalist, 2005 (Boise & Southern Idaho chapter).**

**Federal Trade Commission, Special Commendation for Internet Fraud Litigation, 2001.**

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

**Federal Trade Commission, Special Commendation for *Self-Regulation and Privacy Online: A Report to Congress, 1999.***

## **The George Washington University Law School**

*Fellow, Women in Government Relations; Vincent A. Kleinfeld Legal Internship, Food & Drug Law Institute; ENVIRONMENTAL LAW REVIEW; Alternative Dispute Resolution Board; Winner, Amer. Bar Ass'n – George Washington University Law School Alternative Dispute Resolution Negotiations Competition; Chair, Faculty Tenure & Promotions Committee, Student Bar Association; Member, Hispanic Law Student Association.*

**University of Texas Medical School, Walter M. Kirkendahl Award.**

## **Oklahoma State University System**

*Willis B. Decker Memorial Award for the Promise of Excellence in Chemistry; Francisco B. Hatchett Scholar Award; Dean Lists; President's Lists.*

---

## **PUBLICATIONS**

---

### *Forthcoming*

- (1) **ARTIFICIAL INTELLIGENCE LAW, POLICY & ETHICS**  
*(book contract under negotiation with legal academic publisher) (2021).*
- (2) **The Implications of Artificial Intelligence on a Just Society**  
*8 J. INT'L AND COMPARATIVE 999LAW – (2021) (invited).*
- (3) **AI, on the Law of the Elephant: Toward Understanding Artificial Intelligence**  
*69 BUFF. L. REV. – (2021).*
- (4) **AI, on the Law of Bias: Mapping Artificial Intelligence and Machine Learning Biases to the Law of Discrimination and Bias**  
*123 W.V. L. REV. – (2021) (invited).*
- (5) **AI, on the Law and Ethics of Corporate Governance: Considerations for Strategic Risk Management of Artificial Intelligence**  
*38 MINN. J. LAW & INEQUALITY – (2021) (invited).*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (6) **AI, on the Law of Soft Governance: An Effective and Legitimate Strategy for Unbiased and Non-Discriminatory Artificial Intelligence**  
– *IEEE TRANS. ON ARTIFICIAL INTELLIGENCE* – (2020) (invited).

*Published*

- (7) **999Cybersecurity Law & Emerging Technologies: The Federal Trade Commission, Reasonable Security Measures, and IoT**  
*IEEE Future Directions: Technology Policy & Ethics* (May 2017) (invited).
- (8) **History’s Calling: Today’s Racism and the Elevation of Lawyers and Legal Practice**  
*60 ADVOCATE* 46 (March/April 2017).
- (9) **Blockchain: A Short Primer for Lawyers**  
*1 CYBERSECURITY LAW & STRATEGY* 9 (Mar. 1, 2017) (invited), and republished, as revised by publisher, as:
- *Blockchain: A Short Primer for Lawyers*, *LEGALTECH NEWS* (Mar. 9, 2017); and
  - *A Primer for the Entertainment Industry on the Use of Blockchain*, *ENTERTAINMENT LAW & FINANCE* (Apr. 2017).
- (10) **Cybersecurity and Cybercrime: Intellectual Property and Innovation**  
*8 LANDSLIDE* 6 (Am. Bar Ass’n, Section of Intellectual Property Law, Nov.-Dec. 2015) (invited).
- (11) **Love & Hate: The U.S. Supreme Court’s Inconsistent Jurisprudence Regarding Entrepreneurs**  
*Proceedings of The Third International Conference on Employment, Education & Entrepreneurship 2014 (“EEE2014”), Institute of Economic Sciences & Faculty of Business, Economy and Entrepreneurship, Belgrade, Serbia (forthcoming) (invited).*
- (12) **Women’s Unpaid Work - Japan’s Womenomics Agenda**  
*Proceedings of The Third International Conference on EEE 2014, Institute of Economic Sciences & Faculty of Business, Economy and Entrepreneurship, Belgrade, Serbia (forthcoming) (invited).*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (13) **Female Entrepreneurship Theory: A Multidisciplinary Review of Resources**  
*3 J. WOMEN'S ENTREPRENEURSHIP & EDUC. 26-64 (Spring 2011) (invited), <http://ssrn.com/abstract=1833385>.*
- (14) **Attorney Competence, Ethical Compliance, and Transnational Practice**  
*52 ADVOCATE 28 (Oct. 2009) (Idaho State Bar), <http://ssrn.com/abstract=1615854>.*
- (15) **MySpace Internal Messaging Inboxes Are E-Mail Addresses under CAN-SPAM Act**  
*AMER. BAR ASS'N, ANNUAL REVIEW OF INTELLECTUAL PROPERTY LAW DEVELOPMENTS 2006-2008, 468 (George W. Jordan, III, et al., eds., Jan. 2009), <http://ssrn.com/abstract=1369959>.*
- (16) **MySpace v. Wallace: The CAN-SPAM Act Applied Within the MySpace Community**  
*25 COMPUTER & INTERNET LAWYER 21 (June 2008) (Aspen), <http://ssrn.com/abstract=1370000>.*
- (17) **Video Software Dealers Ass'n v. Schwarzenegger: A Rising Ninth Circuit Case on the Constitutionality of States' Regulation of Minors' Access to Violent Video Games**  
*25 COMPUTER & INTERNET LAWYER 1 (May 2008), <http://ssrn.com/abstract=1370022>.*
- (18) **The Odyssey: One Woman Attorney's Journey in Entrepreneurship**  
*51 ADVOCATE 25 (Feb. 2008), <http://ssrn.com/abstract=1369989>.*
- (19) **Issue-Spotting for Web Sites**  
*51 ADVOCATE 11 (Jan. 2008), <http://ssrn.com/abstract=1369991>.*
- (20) **The Law of Electronic Contracts: The New United Nations Convention**  
*With Shasta Kilminster-Hadley, 50 ADVOCATE 40 (Sept. 2007), <http://ssrn.com/abstract=1369952>.*
- (21) **What's Your IQ? – Building Your Information Quotient with Technology-Assisted Due Diligence Can Score You an 'A+'**  
*23 E-COMMERCE LAW & STRATEGY 1 (Feb. 2007), <http://ssrn.com/abstract=1369988>.*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (22) **Due Diligence in Business Transactions**  
*49 ADVOCATE 18 (Oct. 2006), <http://ssrn.com/abstract=1369955>.*
- (23) **Financial Considerations in International Intellectual Property Licensing Transactions**  
*Editor; co-author with Kimberley Chotkowski, Scott Stevens & Gregory Urbanchuk, 40 INT'L LAWYER 67-93 (Spring 2006) (South. Methodist Univ. L. School/Amer. Bar Ass'n), <http://ssrn.com/abstract=1369978>;*  
*and republished in:*
- *41 LES NOUVELLES 120 (June 2006) (Licensing Exec's Soc'y Int'l); and*
  - *23 COMPUTER & INTERNET LAWYER 9 (Sept. 2006).*
- (24) **Intellectual Property Licensing: More Pervasive than You Might Imagine**  
*48 ADVOCATE 18 (June 2005), <http://ssrn.com/abstract=1369998>.*
- (25) **In Support of IVLP [Volunteer Lawyer Program] Participation**  
*46 ADVOCATE 28 (May 2003), <http://ssrn.com/abstract=1615857>.*
- (26) **Internet Fraud: Federal Trade Commission Prosecutions of Online Conduct**  
*23 COMM'S & THE LAW 55 (2001), <http://ssrn.com/abstract=1615855>.*
- (27) **Access to Pharmaceuticals Under Medicaid Managed Care: Federal Law Compiled and State Contracts Compared**  
*55 FOOD & DRUG L.J. 449 (2000), abstract at [http://www.fdli.org/pubs/Journal%20Online/jour\\_toc/vol55\\_3.html#8](http://www.fdli.org/pubs/Journal%20Online/jour_toc/vol55_3.html#8).*
- (28) **FDA Regulation of Internet Pharmaceutical Communications: Strategies for Improvement**  
*55 FOOD & DRUG L.J. 269 (2000), abstract at [http://www.fdli.org/pubs/Journal%20Online/jour\\_toc/vol55\\_2.html#7](http://www.fdli.org/pubs/Journal%20Online/jour_toc/vol55_2.html#7).*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

## POSTED WORKS, REPRESENTATIVE

---

*Several of these posted works have achieved Top Ten download status on SSRN.*

- (1) **AI, On the Law of Being | From Non-embodiment, Mechanized Embodiment, and Transhuman Embodiment to Human, What Is A Person?**  
*2020 Critical Legal Conference, University of Dundee, Scotland (accepted; conference postponed due to COVID-19 pandemic), [https://papers.ssrn.com/sol3/Papers.cfm?abstract\\_id=3658434](https://papers.ssrn.com/sol3/Papers.cfm?abstract_id=3658434).*
- (2) **AI, On the Law of Being | “Feminine” Imagery in Humanoid Robots, Evolving Law as to What Constitutes a Person?**  
*‘Picturing ‘Truth’: Law, Truth, and Visual Images Conference, Drexel University, Thomas R. Kline School of Law (accepted; 2020 conference postponed due to pandemic), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3658667](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658667).*
- (3) **AI, On the Law of Evolving Governance in an Exponentially Autonomous World | Proposing an Interdisciplinary Artificial Intelligence Governance System**  
*Soft law, trustworthy AI, artificial intelligence, technical standards, governance, machine learning (2020), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3663272](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3663272).*
- (4) **AI, on the Law of Intentionality | Toward Proof of Intentional Discrimination by Artificial Intelligence**  
*McDonnell Douglas v. Green, implicit bias, aversive racism, artificial intelligence, machine learning (2020), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3663393](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3663393).*
- (5) **AI, On Algorithmic Justice | A New Proposal Toward the Identification and Reduction of Discriminatory Bias in Artificial Intelligence Systems**  
*Basis for presentation at 2019 Artificial Intelligence: Thinking about Law, Law Practice, and Legal Education Conference, Duquesne University School of Law, [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3658682](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658682).*
- (6) **AI, On the Algorithmic State of the Nation | Artificial Intelligence Unleashed and Civil Rights**

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Algorithmic bias, implicit bias, aversive racism, artificial intelligence, machine learning (2020),  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3658630](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658630).*

- (7) **Taney’s Zombie | Chief Justice Roger B. Taney’s Life in Maryland’s Black Belt: Revelations About *Dred Scott* and the Still Undead Commitment to White Supremacy and Racial Hatred**  
*Racism, Civil War, social, personal, political, and legal history of Chief Justice Taney and his family and compatriots as relevant to Dred Scott opinion, slavery, white supremacy, history of Maryland from colonial times until 1864 (2019),  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3658540](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658540).*
- (8) **Internet of Things (“IoT”) Enabled Smart Legal Contracts in Legal Industry**  
*Items 8-12 are my 2018 Harvard graduate Data Science working papers from Wearable Technologies & Internet of Things course, available at ePortfolio, [here](#).*
- (9) **Electroencephalography (“EEG”) Wearables: Epilepsy Case Study**
- (10) **Google Glass for People with Autism Spectrum and Other Neurological Conditions**
- (11) **Smart Military Garments & Stress Telemetry**
- (12) **Agricultural IoT: Precision Irrigation**

---

## PRESENTATIONS & WORKSHOPS

---

*Forthcoming*

- (1) **Critical Legal Conference 2020, University of Dundee, School of Law and Scottish Centre for Continental Philosophy, School of Humanities**  
*September 2020 (postponed due to COVID-19 pandemic) (rescheduled for September 2021).  
Dundee, Scotland  
Conference: Frankenlaw – Community Division Modernity*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Paper: AI, On the Law of Being | From Non-embodiment, Mechanized Embodiment, and Transhuman Embodiment to Human, What Constitutes a Person?*

- (2) **Picturing ‘Truth’: Law, Truth, and Visual Images Conference, Drexel University Thomas R. Kline School of Law**  
*May 2020 (postponed due to pandemic) (future dates pending). Philadelphia, PA*  
*Paper: AI, On the Law of Being | “Feminine” Imagery in Humanoid Robots, Evolving Law as to What Constitutes a Person?*
- (3) **Race, Poverty, and Democracy Series, Duquesne University School of Law**  
*March 2021*  
*Pittsburgh, PA*  
*Invited Presentation: Taney’s Zombie | Chief Justice Roger B. Taney’s Life in Maryland’s Black Belt: Revelations About Dred Scott and the Still Undead White Supremacy and Racial Hatred.*
- (4) **Artificial Intelligence and the Law Symposium, WEST VIRGINIA LAW REVIEW, West Virginia University College of Law**  
*February 24, 2021*  
*Online*  
*Featured Symposium Speaker*  
*Invited Presentation: AI, on the Law of the Elephant: Toward Understanding Artificial Intelligence.*
- (5) **2021 Association of American Law Schools Annual Meeting**  
*January 2021*  
*Online*  
*Moderator: Section on Socioeconomics, Reforming Corporate Governance.*
- (6) **Artificial Intelligence, Intellectual Property, and Security Podcast, American Bar Association – Business Law Section**  
*Date to be determined*  
*AI, On the Emerging Law of Artificial Intelligence Accountability and Transparency (invited).*
- (7) **Idaho Women Lawyers**  
*December 6, 2020*  
*Online*



# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Conference: Advancing Equity in Practice*

*Discussion Leader: What It Means to be Actively Anti-Racist.*

- (8) **Southern Methodist University Dedman School of Law and Tulane University Law School in partnership with the JOURNAL OF INTERNATIONAL AND COMPARATIVE LAW**  
*October 23, 2020*  
*Online*  
*Invited Presentation: The Implications of Artificial Intelligence on a Just Society.*
- (9) **University of Denver Sturm College of Law**  
*October 12, 2020*  
*Online*  
*Workshop: Governance Workshop on Transparency and Privacy.*  
*Invited Paper: AI, On the Law of the Elephant: Toward Understanding Artificial Intelligence.*
- (10) **Arizona State University Sandra Day O'Connor College of Law**  
*October 9, 2020.*  
*Online*  
*Soft Law and AI Project Workshop*  
*Invited Paper: AI, On the Law of Soft Governance: An Effective and Legitimate Strategy for Unbiased and Non-Discriminatory Artificial Intelligence.*

*Presented*

- (11) **American Bar Association, Business Law Section Annual Meeting**  
*September 24, 2020.*  
*Online*  
*Panel: "Ownership of AI "Thinking": Autonomy, Privacy, and Accountability.*  
*Invited Presentation: AI, On the Emerging Law of Artificial Intelligence Accountability and Transparency.*
- (12) **Association of American Law Schools, Section on Socioeconomics and JOURNAL OF LAW AND INEQUALITY, University of Minnesota Law School**  
*July 24, 2020*  
*Online*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Workshop: Feminism and Corporate Law: Reforming Corporate Governance Roundtable*

*Invited Commentator on Professor Darren Rosenblum's "The Political Economy of Corporate Governance: Neutral Rules, Male Capture".*

**(13) Association of American Law Schools**

*July 14, 2020.*

*Online*

*Series: Faculty Focus Series*

*Invited Panel: Effective Use of Research Assistants.*

**(14) 2020 Association of American Law Schools Annual Meeting**

*January 5, 2020*

*Washington, D.C.*

*Panel: Robotics and AI: Legal and Ethical Frameworks, Section on Technology, Law & Legal Education.*

*Presentation: Artificial Intelligence & Law: An Ethical Journey Toward Justice, Excellence, and the Future.*

**(15) Duquesne University School of Law**

*November 22, 2019*

*Pittsburgh, PA*

*Workshop: #FutureLaw 4.0 Junior Scholars Workshop*

*Invited Presentation: Algorithmic State of the Nation: Amendments Toward Algorithmic Accountability.*

**(16) LatCrit Biennial Conference**

*October 18, 2019*

*Georgia State University College of Law, Atlanta, GA*

*Conference: The Dispossessed Majority: Resisting the Second Redemption in América Posfascista (Postfascist America).*

*Works in Progress: Artificial Intelligence and Race.*

*Presentation: Algorithmic State of the Nation: Artificial Intelligence Unleashed and Civil Rights.*

**(17) Duquesne University School of Law**

*April 26, 2019*

*Pittsburgh, PA*

*Conference: Artificial Intelligence: Thinking about Law, Law Practice, and Legal Education Conference.*

*Presentation: Algorithmic Justice: A Model to Identify, Detect, and Reduce Discriminatory Bias and Improve the Algorithmic State of the Nation.*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (18) **Duquesne University School of Law**  
*November 8, 2018*  
*Pittsburgh, PA*  
*Invited Presentation: Algorithmic Law: Interdisciplinary Futures Today.*
- (19) **Wedbush Securities**  
*April 13, 2018*  
*Online*  
*Advisor Conference Call: What's on the Docket: Facebook's Regulatory and Legal Landscape Ahead.*  
*Invited Commentator: The Enforcement and Regulatory Outlook in the Wake of Cambridge Analytica.*
- (20) **College of Security & Intelligence, Embry-Riddle Aeronautical University**  
*April 4, 2018*  
*Prescott, AZ*  
*All College Lecture*  
*Invited Distinguished Speaker: Cybersecurity Law: Navigating the Future Now.*
- (21) **College of Security & Intelligence, Embry-Riddle Aeronautical University**  
*April 4, 2018*  
*Prescott, AZ*  
*Invited Lecture to Data Science Students.*  
*Lecture: Cybersecurity Law and Ethics.*
- (22) **College of Security & Intelligence, Embry-Riddle Aeronautical University**  
*April 4, 2018*  
*Prescott, AZ*  
*Invited Lecture to Cybersecurity Students.*  
*Lecture: Cybersecurity Law and Ethics.*
- (23) **2017 Idaho State Bar Annual Meeting**  
*July 13, 2017*  
*Moscow, ID*  
*Presentation: The Future is Now: Top 10 Emerging Technologies and Competence in Practice.*
- (24) **Advanced Cybersecurity Research Group, Cisco Systems, Inc., Security and Trust Organization**

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*January 26, 2016*

*Online*

*Invited Presentation: Intellectual Property Awareness: Working with Government and Academic Laboratories and Institutions.*

**(25) The George Washington University Law School**

*October 7, 2015*

*Washington, D.C.*

*Invited Panel: Laying Down the Law? , Entrepreneurship Panel.*

**(26) Cisco Systems, Inc., Independent Software Vendors Core Team**

*July 23, 2015*

*Online*

*Invited Presentation: Legal 101: Strategic Partner Contracting.*

**(27) Cisco Systems, Inc., Independent Software Vendors Core Team**

*July 23, 2015*

*Online*

*Invited Presentation: Legal 101: Statements of Work.*

**(28) Technology & Employment Law Group**

*April 8, 2015*

*Eagle, ID*

*Extended Team Training: Cybersecurity, Employment, and Civil Rights.*

**(29) Institute of Economic Sciences & Faculty of Business, Economy and Entrepreneurship**

*October 16, 2014*

*Belgrade, Serbia*

*Conference: Third International Conference on Employment, Education & Entrepreneurship 2014.*

*Invited Paper: Love & Hate: The U.S. Supreme Court's Inconsistent Jurisprudence Regarding Entrepreneurs.*

**(30) Mobile Security & Telecom Divisions, Giesecke & Devrient**

*July 2012*

*Sterling, VA*

*Team Training: Intellectual Property Considerations in Strategic Partnership and Sales Negotiations*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (31) **The George Washington University Law School**  
*March 17, 2011*  
*Washington, D.C.*  
*Invited Panel: Advanced Legal Research.*
- (32) **The George Washington University Law School**  
*April 1, 2010*  
*Washington, D.C.*  
*Student and Alumni Career Development Session*  
*Invited Presentation: Starting Your Own Law Practice.*
- (33) **Association for Law, Property, and Society**  
*March 6, 2010*  
*Georgetown University Law Center, Washington, D.C.*  
*Conference: First Annual Meeting.*  
*Presentation: Innovation: Its Role in Formulating a Theory of Entrepreneurship and the Law.*
- (34) **Idaho State Bar**  
*September 25, 2009*  
*Boise, ID*  
*Invited Presentation: Attorney Competence & Ethical Compliance in Transnational Practice.*
- (35) **Boise Metro Chamber of Commerce**  
*April 29, 2009*  
*Boise, ID*  
*Invited Presentation: Building Business Value with Intellectual Assets.*
- (36) **Boise State University, College of Business & Economics**  
*November 13, 2008*  
*Boise, ID*  
*Invited Lecture: International Intellectual Property Transactions.*
- (37) **American Conference Institute**  
*October 21, 2008*  
*San Francisco, CA*  
*Conference: 14th Annual Software Licensing Conference.*  
*Invited Presentation: Licensing Software in a Global Market: Analyzing Divergent Laws and Best Practices Across Common Foreign Jurisdictions.*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

*Topics: International taxation of intellectual property transactions, compliance across European and European Union jurisdictions, and strategic intelligence and investigations in the Far East).*

**(38) Boise State University, College of Business & Economics**

*October 4, 2008*

*Boise, ID*

*Invited Lecture: International Business and Culture.*

**(39) Boise State University, College of Business & Economics**

*February 12, 2008*

*Boise, ID*

*Invited Lecture: Legal Perspectives Impacting International Business.*

**(40) Centennial Job Corps**

*December 5, 2007*

*Nampa, ID*

*Invited Lecture: Legal Issues for Computer Services Professionals.*

**(41) Idaho State Bar**

*June 21, 2007*

*Boise, ID*

*Intellectual Property Law Section*

*Invited Presentation: Rule 11 and Ethical Requirements in Intellectual Property Litigation: Standards for Reasonable Pre-filing Inquiry.*

**(42) Idaho State Bar**

*June 6, 2007*

*Boise, ID*

*General Bar*

*Invited Presentation: Rule 11 and Ethical Requirements in Intellectual Property Litigation: Standards for Reasonable Pre-filing Inquiry.*

**(43) Licensing Executives Society (U.S.A. and Canada), Inc.**

*September 14, 2006*

*New York City, NY*

*Conference: 2006 Annual Meeting.*

*Presentation: Online Investigations as a Powerful Tool for Licensing.*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (44) **Licensing Executives Society (U.S.A. and Canada), Inc.**  
*September 12, 2006*  
*New York City, NY*  
*Conference: 2006 Annual Meeting.*  
*Invited Co-Presentation: Financial Considerations in International Intellectual Property Licensing Transactions.*
- (45) **U.S. Commercial Service, Idaho District Export Council**  
*May 24, 2006*  
*Boise, ID*  
*Conference: World Trade Day.*  
*Invited Presentation: Intellectual Property Issues in International Commerce.*
- (46) **Provost's Council, University of Idaho**  
*May 1, 2006*  
*Moscow, ID*  
*Invited Presentation: Intellectual Property and University Technology Transfer: Opportunities for Transformation, Realities to Face.*
- (47) **Boise Metro Chamber of Commerce**  
*April 24, 2006*  
*Boise, ID*  
*Invited Presentation: Building Business Brand.*
- (48) **Kickstand**  
*March 24, 2006*  
*Boise, ID*  
*KickStart Annual Conference*  
*Invited Presentation: Top Ten Mistakes Entrepreneurs Make.*
- (49) **National Association of Women Business Owners**  
*February 7, 2006*  
*Boise and Southern Idaho chapter meeting*  
*Invited Presentation: Intellectual Property Case Study.*
- (50) **American Society for Industrial Security International**  
*December 16, 2005*  
*Boise, ID*  
*Invited Presentation: Trade Secrets – Theft & The Law.*

# EMILE LOZA DE SILES

412.396.6423 • lozae@duq.edu

---

- (51) TechHelp Idaho Manufacturing Specialists**  
*October 14, 2005*  
*Boise, ID*  
*TechHelp 2005 FastForward Conference*  
*Invited Presentation: Intellectual Property – A Primer on Your Most Important Business Tool.*
- (52) Idaho State Bar**  
*September 1, 2005*  
*Boise, ID*  
*Invited Presentation: International Law & Transactions.*
- (53) Boise State University TECenter and Idaho Small Business Development Center**  
*June 13, 2005*  
*Boise, ID*  
*Training for outplaced Hewlett-Packard employees.*  
*Invited Presentation: Intellectual Property – Building Value for Start-ups.*
- (54) Idaho Department of Commerce & Labor, Office of Science and Technology**  
*June 9, 2005*  
*Boise, ID*  
*Second Annual Science & Technology Industry Forum*  
*Invited Presentation: Intellectual Property Partnerships – Preserving & Creating Value.*
- (55) Idaho State Bar**  
*2003*  
*Boise, ID*  
*Invited Presentation: Intellectual Property Licensing.*