

CHARLOTTE A. TSCHIDER

ACADEMIC EXPERIENCE

Loyola University Chicago School of Law, Chicago, IL Jul 2020-
Assistant Professor (promotion to Associate Professor July 2023) present

Courses: Healthcare Business and Finance, Contracts, Cybersecurity Law, Health Information Privacy and Cybersecurity Law, and International Data Protection and Artificial Intelligence Law

Service: Member of the Beazley Institute for Health Law & Policy, Dean's Advisory Committee, Technology Committee, various staff hiring committees

University of Nebraska College of Law, Lincoln, NE Aug 2019-
Visiting Assistant Professor Jul 2020

I taught Cyberlaw (Internet Law), Cybersecurity Law, and Food & Drug Law and participated in part a newly established technology governance program.

DePaul University College of Law, Chicago, IL June 2018-
Jaharis Faculty Fellow in Health Law and Intellectual Property July 2019

Previously served as the Jaharis Faculty Fellow for the Jaharis Health Law Institute and taught Food & Drug Law, and Health IT, Cybersecurity, and Privacy Law.

Mitchell Hamline School of Law, St. Paul, MN Feb 2016-
Lead Affiliated/Adjunct Professor Jul 2020

Taught courses in healthcare, privacy, and cybersecurity. Designed and developed an online Privacy and Cybersecurity and online Healthcare compliance continuing legal education program, from curricular planning to full functionality. Also taught HIPAA Privacy Law and jointly taught Information Law.

University of Minnesota, St. Paul, MN Sept 2002-
Graduate Instructor, Scientific and Technical Communication Program May 2005

Designed, taught, and co-taught upper-division and graduate communications courses. Received overwhelmingly strong student evaluations for all courses.

University of Minnesota, St. Paul, MN Sept 1999-
Research Assistant (various) Sept 2003

Performed research in Computer Engineering and Human-Computer Interaction, Genetics, and Otolaryngology (Medical School).

TEACHING INTERESTS

Primary Interests: Cybersecurity/Privacy Law, Health Care Law, Contracts, Business Associations
Additional Interests: Intellectual Property, Administrative Law, Torts

BOOKS

CYBORG HEALTH: THE LAW AND ETHICS OF ARTIFICIAL INTELLIGENCE IN HEALTHCARE (under contract, Cambridge University Press: 2024) (with Dr. Krista Kennedy).

INTERNATIONAL CYBERSECURITY AND PRIVACY LAW IN PRACTICE, 2D ED. (forthcoming, Wolters Kluwer: 2023) (author of first edition, 2018).

CYBERSECURITY: AN INTERDISCIPLINARY PROBLEM (with Derek Bambauer, Gus Hurwitz & David Thaw, West: 2020).

EDUARDO USTARAN, EUROPEAN DATA PROTECTION (IAPP: 2017) (Editor, complete manuscript).

BOOK CHAPTERS

Global Intellectual Property Considerations in Healthcare Artificial Intelligence, in RESEARCH HANDBOOK ON HEALTH, AI AND THE LAW (forthcoming, with Cynthia Ho; Eds. Dr. Barry Solaiman & I. Glenn Cohen, Edward Elgar: 2023).

Data Discrimination: The International Regulatory Impasse of AI-Enabled Devices, in LEGAL, SOCIAL, AND ETHICAL PERSPECTIVES ON HEALTH & TECHNOLOGY (Eds. Motahareh Fathisalout & Anna Berti Suman, USMB: 2020) (with Dr. Krista Kennedy).

THE LAW OF ARTIFICIAL INTELLIGENCE AND SMART MACHINES (Ed. Theodore F. Claypoole, ABA: 2019).

- *Legal Issues in Cybernetics and Biorobotics* (with Dr. Krista Kennedy)
- *International Privacy Law and Artificial Intelligence*

Dr. Jordan Canzonetta, Krista Kennedy, Charlotte Tschider, and Noah Wilson, *The Politics of Algorithms: Ethical Algorithmic Data Collection in Medical and Educational Contexts*, in SELECTED PAPERS OF INTERNET RESEARCH. AOIR 2018: THE 19TH ANNUAL CONFERENCE OF THE ASSOCIATION OF INTERNET RESEARCHERS (2019).

GRANTS AND FUNDING

Syracuse University Collaboration for Unprecedented Success and Excellence (CUSE) seed grant, Syracuse University (2020) for cross-disciplinary work on AI hearing aid data ecologies and data handling transparency.

University finalist, Carnegie Grant (2021).

ACADEMIC ARTICLES

Humans Outside the Loop, LEWIS & CLARK L. REV. (forthcoming, Spring 2024, invited contributor).

Locking Down “Reasonable” Cybersecurity Duty, 41 YALE J. L. & POL’Y 77 (2023).

Prescribing Exploitation, 82 MD. L. REV. 857 (2023) (lead article).

Legal Opacity: Artificial Intelligence’s Sticky Wicket, 106 IOWA L. REV. 126 (2021).

AI’s Legitimate Interest: Towards a Public Benefit Privacy Model, 21 HOUST. J. HEALTH L. 125 (2021, invited contributor).

Meaningful Choice: A History of Consent and Alternatives to the Consent Myth, 22 N.C. J.L. & Tech. 617 (2021, invited contributor).

Beyond the Black Box, 98 DENV. L. REV. 683 (2021).

Medical Device Artificial Intelligence: The New Tort Frontier, 46 BYU L. REV. 1551 (2021).

Balancing the Halo: Algorithmic Secrecy and Data Surveillance Disclosure in Medical Devices, RHETORIC OF HEALTH AND MEDICINE (University of Florida Press: 2021) (peer-reviewed; with Dr. Krista Kennedy and Noah Wilson, Syracuse University).

The Healthcare Privacy-Artificial Intelligence Impasse, 36 SANTA CLARA HIGH TECH. L.J. 439 (2020), <https://digitalcommons.law.scu.edu/chtlj/vol36/iss4/2/>.

The Intersection of Privacy and Medical Imaging Research in the Modern Era of Machine Learning— Myth, Fallacy and What the Future Holds, JOURNAL OF AMERICAN COLLEGE OF RADIOLOGY (2020) (with Dr. Eyal Lotan, Dr. Daniel J. Sodickson, Dr. Mary Bruno, Dr. Ben Zhang, & Dr. Yvonne Lui, New York University), [https://www.jacr.org/article/S1546-1440\(20\)30385-9/fulltext](https://www.jacr.org/article/S1546-1440(20)30385-9/fulltext).

The Consent Myth: Improving Choice for Patients of the Future, 96 WASH. U. L. REV. (2019).

Regulating the IoT: Discrimination, Privacy, and Cybersecurity in the Artificial Intelligence Age, 96 DENV. L. REV. 87 (2018).

Deus ex Machina: Managing Cybersecurity Threats for Patients of the Future, 5 SAV. L. REV. 177 (2018).

Metaphor after Myriad: The Effect of Legal Rhetoric on Intellectual Property Protection for Biological Sequences, 57 IDEA 519 (2017).

Enhancing Cybersecurity for the Digital Health Marketplace, 26 ANNALS HEALTH L. 1 (2017) (lead article).

Experimenting with Privacy: Driving Efficiency through a State-Informed Federal Data Breach Notification and Data Protection Law, 18 TUL. J. TECH. & INTELL. PROP. 45 (2015).

Innovation in the Public Sphere: Reimagining Law and Economics to Solve the National Institutes of Health Publishing Controversy, 1 J. LAW & BIOSCIENCES 285 (2014) (peer-reviewed law journal).

Automating Music Similarity in “Sound-Alike” Music Cases, 25 N.Y. ST. B.A. ENTERTAINMENT, ARTS & SPORTS J. 60 (2014) (peer-reviewed, runner-up for Grammy Awards Grant Prize).

Investigating the “Public” in the Public Library of Science: Gifting Economics in the Internet Community, 11:6 FIRST MONDAY (2006) (peer-reviewed, non-legal publication).

OTHER ACADEMIC WORKS

Book Review: The Dangers of Expansive Public Health Surveillance, LAWFARE (Aug. 24, 2022), <https://www.lawfareblog.com/dangers-expansive-public-health-surveillance>.

Addressing Algorithmic Unfairness in Healthcare, ELSI hub, STANFORD UNIVERSITY (Jun 10, 2022), at <https://elsihub.org/collection/addressing-algorithmic-unfairness-healthcare> (invited encyclopedia collection).

We Need to Do More with Hospitals’ Data, but There are Better Ways, HARVARD LAW PETRIE-FLOM CENTER BILL OF HEALTH (July 7, 2021) (with Wendy Netter Epstein) (invited blog post).

WORKS IN PROGRESS

Once More Unto the Breach (forthcoming submission, Summer/Fall 2023), presented at the Privacy Law Scholars Conference, June 2020, presented at the Cybersecurity Scholars Conference, Feb. 2021. Formal empirical study of data breach litigation outcomes from 2005-present.

Contracting for Cybersecurity (forthcoming submission, Fall 2023/Spring 2024).

Health Data Essentialism: The Limits of Privacy-Enhancing Technologies and How to Promote Public Health (in-progress, TBD scientific journal).

EDUCATION

HAMLIN UNIVERSITY SCHOOL OF LAW, St. Paul, MN

J.D., *cum laude*

Hamline Law Review, Business Law Institute

Dean's Scholarship, Dean's List 2010-2015

New York Bar Association Entertainment, Arts, and Sports Law Scholarship, 2014

CALI Awards: Contracts, Technology Transfer, Jurisprudence, Conflict Coaching

UNIVERSITY OF MINNESOTA, St. Paul, MN

M.A., Rhetoric and Scientific and Technical Communication (Ph.D. coursework, including qualitative/quantitative research methods and pedagogy)

Minor: History and Philosophy of Science and Technology

Graduate Teaching Fellowship, 2003-2005

AUBURN UNIVERSITY, Auburn, AL

Master's Certificate, Business Analysis

UNIVERSITY OF MINNESOTA, St. Paul, MN

B.S., Scientific and Technical Communication, *magna cum laude*, Genetics and Cell Biology concentration

ACADEMIC PRESENTATIONS/PANELS

2023

THIRD ANNUAL CYBERSECURITY LAW AND POLICY SCHOLARS CONFERENCE

Organizer and Commenter, Fletcher School of Law & Diplomacy at Tufts University, Boston, MA (Sept 2023).

HUMANS OUTSIDE THE LOOP

Lewis & Clark Law School Fall Forum: AI/Algorithms/ML, Lewis & Clark Law School, Portland, OR (invited speaker, Sept 2023).

DLR PROJEKTTRÄGER: DATA FOR HEALTH CONFERENCE 2023

Federal Ministry of Health, Berlin, Germany (invited keynote speaker, June 2023).

CYBORG HEALTH

Regulation and Innovation in the Biosciences Conference, Georgia State Law School, Atlanta, GA (May 2023).

CYBERSECURITY LIABILITY WORKSHOP

Invited Participant, Stanford Law School, Stanford, CA (Apr 2023).

32ND ANNUAL DEPAUL LAW REVIEW SYMPOSIUM: CYBER-REGULATION AND THE LEGAL ENVIRONMENT OF THE INTERNET AGE

Invited Panelist, DePaul University College of Law, Chicago, IL (Apr 2023).

MORE THAN LAWS: THE LEGAL IMPEDIMENTS TO RESPONSIBLE AI

12th Annual International Symposium on Digital Ethics, Loyola University Chicago School of Communication, Chicago, IL (invited speaker, Apr 2023).

AI LAW SCHOLARS WORKSHOP

Invited Co-convenor and Commenter, Emory University School of Law, Atlanta, GA (Mar 2023).

PRESCRIBING DISCRIMINATION

Presenter, Work in Progress Intellectual Property (WIPIP) Conference, Suffolk University Law School, Boston, MA (Feb 2023).

INTEROPERABILITY WORKSHOP

Invited Participant, Stanford Law School, Stanford, CA (Jan 2023).

A CONTRACTUAL TURN FOR CYBERSECURITY LAW

Presenter, Cybersecurity: Tech and Ethical Considerations for Tomorrow's Lawyers Panel, Technology, Law, and Legal Education Section, American Association of Law Schools (AALS), San Diego, CA (Jan 2023).

"NUTRITION FACTS LABELS" FOR ARTIFICIAL INTELLIGENCE/MACHINE LEARNING-BASED MEDICAL DEVICES

Commenter, Law, Medicine, and Healthcare Section New Voices, American Association of Law Schools (AALS), San Diego, CA (Jan 2023).

2022

NOVEL PAYMENT SYSTEMS FOR INCENTIVIZING QUALITY CARE

Moderator, Loyola University Chicago School of Law Beazley Institute for Health Law and Policy Health Law Symposium, Chicago, IL (Nov 2022).

PERSPECTIVES ON DIGITAL HEALTH

Panelist, Suffolk University IP & Innovation Conference, Suffolk University Law School, Boston, MA (Oct 2022).

HAS CONSUMER PROTECTION LEGISLATION IN THE EUROPEAN UNION ILLUMINATED A PATH TO HELP PROTECT AGAINST AVAILABILITY ATTACKS CAUSED BY COMPROMISED SMART DEVICES? WHAT WE HAVE LEARNED FROM TOYS, CAR BONNETS AND BILLBOARDS

Commenter, Cybersecurity Law and Policy Scholars Conference, University of Minnesota Law School, Minneapolis, MN (Sept 2022).

PRESCRIBING EXPLOITATION

Workshop Presenter, University of Nebraska Governance and Technology Center, University of Nebraska College of Law, Lincoln, NE (Aug 2022).

PRIVACY ENHANCING TECHNOLOGIES IN AI

Presenter, Digital Health & Technology Innovation Conference, Cleveland-Marshall College of Law, Cleveland, OH (Apr 2022).

DISTINGUISHING DATA PRIVACY & CYBERSECURITY

Presenter, Demystifying Data Privacy Loyola Journal of Regulatory Compliance Symposium, Loyola University Chicago, Chicago, IL (Mar 2022).

2021

WHAT PRIVACY IS AND ISN'T

Panelist, The Cordell Institute Symposium 5, Washington University's "Why Privacy Matters" Symposium, St. Louis, MS (Dec 2021).

TECHNOLOGY AND INNOVATIVE CARE DELIVERY IN MENTAL HEALTH

Moderator, Health Law Institute Annual Symposium, Loyola University Chicago School of Law, Chicago, IL (Nov 2021).

THE PATH FORWARD: SEEKING RACIAL EQUITY IN FOOD AND DRUG LAW JOURNAL 2021 SYMPOSIUM

Moderator, Food, Drug & Law Institute 2021 Symposium, Washington D.C. (Nov 2021).

WORKSHOP ON UNWANTED BIAS IN CONSUMER MOBILE HEALTH TECH

Participant, Aspen Institute Workshop, virtual (Oct 2021).

LEGAL OPACITY IN AI

Presenter, IP+ Conference, Cleveland-Marshall College of Law, Cleveland, OH (Oct 2021).

DATA LOCALIZATION AND CYBERSECURITY

Commenter, Cybersecurity Law & Policy Scholars Conference, University of Minnesota, Minneapolis, MN (Oct 2021).

CYBER INTELLIGENCE SHARING: GOVERNANCE NETWORKS OR NETWORKED GOVERNANCE?

Commenter, Cybersecurity Law & Policy Scholars Conference, University of Minnesota, Minneapolis, MN (Oct 2021).

ALGORITHMIC FAIRNESS FOR PATIENT CONFIDENCE AND SAFETY

Selected Presenter, Food & Drug Administration Transparency of AI/ML-enabled Medical Devices Public Comment Workshop, Virtual presentation (Oct 2021).

PRESCRIBING EXPLOITATION

Presenter, WeRobot Conference, University of Miami, Coral Gables, FL (Sept 2021).

BALANCING PRIVACY AND RESPONSIBLE AI: CHALLENGES AND SOLUTIONS

Bioethics, the Law and Data Sharing: AI in Radiology (BOLD-AIR Summit), Stanford, CA (Aug 2021).

BEATING THE ODDS

Discussion Group Panelist, Aspiring Law Teachers Workshop, Southeastern Association of Law Schools Conference, Amelia Island, FL (Jul 2021).

PUBLIC HEALTH LAW AND COVID-19: WHERE DID WE GO WRONG?

Panelist, Southeastern Association of Law Schools Conference, Amelia Island, FL (Jul 2021).

THE ART OF SELF-PROMOTION

Discussion Group Panelist, Aspiring Law Teachers Workshop, Southeastern Association of Law Schools Conference, Amelia Island, FL (Jul 2021).

HEALTHCARE STAKEHOLDER VIEWS OF STREAMLINING PATIENT DATA ACCESS AND THE POTENTIAL FOR SUBSEQUENT PATIENT PRIVACY SELF-MANAGEMENT

Commenter, Privacy Law Scholars Conference, Online (June 2021).

PRESCRIBING DISCRIMINATION

Presenter, ASLME Health Law Professors Conference, Northeastern University School of Law, Northeastern Law Center for Health Policy and Law, Boston, MA (June 2021).

THE FUTURE OF CONSENT WITH A FOCUS ON HEALTHCARE

Panelist, The Cordell Institute, Washington University's "The Future of Consent for Privacy and Health" Symposium, St. Louis, MS (Apr 2021).

HIPAA'S PRIVACY AND SECURITY RULE

Presenter, Loyola University Chicago School of Law's Health Law Student Association Lecture, Chicago, IL (Mar 2021) (with Dr. David Thaw).

AI AND ACCESS TO PUBLIC ASSISTANCE

Panelist, Boston University Journal of Science and Technology "Technology and the Law: Examining and Addressing Bias" Symposium, Boston, MA (Feb 2021).

HEALTHCARE AI'S DISABILITY BIAS PROBLEM

Panelist, Boston University Journal of Science and Technology "Technology and the Law: Examining and Addressing Bias" Symposium, Boston, MA (Feb 2021).

EMERGING TRENDS IN HEALTHCARE TECHNOLOGY: PRIVACY ISSUES WITH HEALTHCARE TECHNOLOGY

Panelist, Belmont University College of Law, Health Law Journal Spring Symposium, Nashville, TN (Feb 2021), rough dictation available at: <https://s3.us-west-2.amazonaws.com/us-west-2.files.campus.edublogs.org/blogs.belmont.edu/dist/7/17/files/2022/02/Symposium-Speaker-Charlotte-Tschider.pdf>.

MEANINGFUL “CHOICE”

Presenter, University of North Carolina Chapel Hill “Privacy Norms Across Borders and Boundaries” Symposium, Chapel Hill, NC (presented Jan 2021).

2020

CYBERSECURITY LAW SCHOLARS WORKSHOP

Co-moderator, Cybersecurity Law Scholars Presentation Series, Virtual Conference (moderated Nov 2020-May 2021).

AI’S LEGITIMATE INTEREST

Presenter, Harvard Law School Health Law and Bioethics Workshop, Cambridge, MA (presented Nov 2020).

AI, BIG DATA, AND AI

Seton Hall Law Review Annual Conference, Panel on Corporations and Businesses: How Technological Progress and Regulatory Compliance Impacts Decision-Making, South Orange, NJ (presented Nov 2020).

AI’S LEGITIMATE INTEREST

Workshop, University of Houston Health Law Workshop, Houston, TX (presented Oct 2020).

PEDAGOGY IN CYBERSECURITY LAW

Moderator, Cybersecurity Law Scholars Presentation Series, Virtual Conference (moderated Oct 2020).

AI’S LEGITIMATE INTEREST

Panel, Gonzaga Law School’s Health and Technology Policy 2020 Conference, Spokane, WA (presented Oct 2020).

PRIVACY IN THE INTERNET ERA

Panelist, SEALS Annual Conference, Fort Lauderdale, FL (presented Aug 2020).

PUBLIC HEALTH LAW LITIGATION: THE TIME HAS COME

Panelist, SEALS Annual Conference, Fort Lauderdale, FL (presented Aug 2020).

ASPIRING LAW TEACHERS WORKSHOP – BEATING THE ODDS

Participant/Mentor, SEALS Annual Conference, Fort Lauderdale, FL (presented Aug 2020).

ASPIRING LAW TEACHERS WORKSHOP – THE ART OF SELF-PROMOTION

Panelist, SEALS Annual Conference, Fort Lauderdale, FL (presented Aug 2020).

THE COST OF EXPEDIENCY: PRIVACY AS DIGNITY IN HEALTH TECHNOLOGIES

Panelist, ASLME Health Law Professors, Boston, MA (June 2020, cancelled due to COVID-19).

A CYBERSECURITY DUTY?

Presenter, Privacy Law Scholars Conference (PLSC), remotely conducted (June 2020).

PRIVACY AND SECURITY ISSUES IN MEDICAL AI

Presenter, UChicago Law Magazine and Phoenix Biology's Human/AI Interfaces Science and Law Panel (invited presenter, presented May 2020).

BEYOND THE BLACK BOX

Workshop participant, Law and Technology Workshop, remotely conducted (May 2020).

THE RISK OF EXPEDIENCY

Regulation & Innovation in the Biological Sciences (RIBS), remotely conducted (May 2020).

AI: PRIVACY-INCOMPATIBLE?

Presenter, Notre Dame Journal of Law, Ethics & Public Policy Symposium, South Bend, IN (invited presenter, Apr 2020, cancelled/rescheduled due to COVID-19).

HEALTHCARE'S BLACK BOX PROBLEM

Presenter, Santa Clara Law High Tech Learning Journal Machine Learning Symposium, Santa Clara, CA (invited presenter, presented Mar 2020).

A CYBERSECURITY DUTY?

Presenter, Cybersecurity Law Scholars Conference, remotely conducted (Feb 2020).

BEYOND THE BLACK BOX: SOLVING AI'S TRANSPARENCY PROBLEM

Presenter, 2020 Works-in-Progress Intellectual Property Colloquium, Santa Clara, CA (presented Feb 2020).

BEYOND THE "BLACK BOX": SOLVING AI'S TRANSPARENCY PROBLEM

Paper presenter, Junior Intellectual Property Scholars Association Winter meeting, 2020, St. Louis, MO (presented Jan 2020).

ARTIFICIAL INTELLIGENCE IN HEALTHCARE TECHNOLOGIES

Presenter, Robotics and AI Panel, Technology, Law & Legal Education Section, 2020 Association of American Law Schools (AALS) Annual Conference, Washington D.C. (presented Jan 2020).

BEYOND THE "BLACK BOX": SOLVING AI'S TRANSPARENCY PROBLEM

Presenter, New Voices Panel, Intellectual Property Section, 2020 Association of American Law Schools (AALS) Annual Conference, Washington D.C., Jan 2020.

2019

ARTIFICIAL INTELLIGENCE'S RISK PROFILE

Panelist, AI Panel, Suffolk Law's Second Annual Intellectual Property and Innovation Conference, Boston, MA, Oct 2019.

(IN)TANGIBLE TECHNOLOGY AND DATA

Panelist, Symposium for Medical Humanities and Social Sciences, Helsinki, Finland, Oct 2019 (with Dr. Krista Kennedy).

PREEMPTING THE ARTIFICIALLY INTELLIGENT MACHINE

Presenter, 2019 Wiet Health Law Scholars Conference, Chicago, IL, Sept 2019.

PATENTING ARTIFICIAL INTELLIGENCE

Presenter, 2019 Intellectual Property Law Scholars Conference, Chicago, IL, Aug 2019.

PANEL DISCUSSION: LIABILITY AND LAWS REGARDING AI

Panelist, July 2019 2nd International Conference on AI in Healthcare in Los Angeles, CA (invited panelist).

NAVIGATING INTERNATIONAL PRIVACY LAWS ON ARTIFICIAL INTELLIGENCE

Presenter, July 2019 2nd International Conference on AI in Healthcare in Los Angeles, CA (invited presenter).

REVISITING FDA PREEMPTION: NEW TECHNOLOGY, NEW CONCERNS

Presenter, 2019 ASLME Health Law Scholars Conference, Chicago, IL, June 2019.

UNRAVELING DATA SOVEREIGNTY

Commenter for Professor Jennifer C. Daskal (American University), Privacy Law Scholars Conference, Berkeley, CA, May 2019.

THE ARTIFICIALLY INTELLIGENT MEDICAL MACHINE

Presenter, 2019 Hofstra Law Interdisciplinary Conference on AI and Healthcare, Hofstra University, New York, NY, Apr 2019.

DEMOCRATIZING MEDICINE IN A DATA AND TECH-DRIVEN WORLD

Presenter, 2019 Jaharis Symposium on Health Law & Intellectual Property, Chicago, IL, Mar 2019.

CONTINUING LEGAL EDUCATION – ALTERNATIVE SOURCES OF REVENUE: CERTIFICATES, CENTERS & NON-ATTORNEY COURSES

Panelist, 2019 Association of American Law Schools (AALS) Annual Conference, New Orleans, LA, Jan 2019.

THE CONSENT MYTH: IMPROVING CHOICE FOR PATIENTS OF THE FUTURE

Panelist, 2019 Association of American Law Schools (AALS) Annual Conference Health Law Section Junior Scholars WIP Panel, New Orleans, LA, Jan 2019 (competitively selected to present).

2018

PRIVACY AND CYBERSECURITY IN THE AGE OF FACEBOOK

Invited Lecturer, University of South Dakota, Vermillion, SD, Nov 2018.

THE CONSENT MYTH: IMPROVING CHOICE FOR PATIENTS OF THE FUTURE

Presenter, 2018 Chicagoland Junior Scholars Works in Progress Conference, Chicago, IL, Oct 2018.

REGULATING THE IOT: DISCRIMINATION, PRIVACY, AND CYBERSECURITY IN THE ARTIFICIAL INTELLIGENCE AGE

Presenter, 2018 TPRC46: Research Conference on Communication, Information and Internet Policy, Washington D.C., Sept 2018.

THE CONSENT MYTH: IMPROVING CHOICE FOR PATIENTS OF THE FUTURE

Invited Presenter, Washington University Law Review Symposium on Health Privacy, St. Louis, MO, Sept 2018.

REVISITING FDA PREEMPTION: NEW TECHNOLOGY, NEW CONCERNS

Presenter, 2018 Wiet Life Science Scholars Conference, Chicago, IL, Sept 2018.

BEYOND THE BLACK BOX: INTELLECTUAL PROPERTY AND THE ARTIFICIALLY INTELLIGENT MACHINE

Presenter, 2018 Intellectual Property Law Scholars Conference, Berkeley, CA, Aug 2018.

BLOCKCHAIN TECHNOLOGY: BLOCKCHAIN IN HEALTHCARE APPLICATIONS

Panelist, Blockchain Panel, 2018 SEALS Conference, Ft. Lauderdale, FL, Aug 2018.

HIDDEN COSTS AND REGULATORY GAPS IN REMOTE MONITORING, IOT, AND TELEHEALTH

Presenter, 41st Annual Health Law Professors Conference, at Case Western Reserve School of Law in Cleveland, OH, June 2018.

THE CONSENT MYTH: CONSUMER CHOICE, MARKET INTERESTS, AND PREFERENCE MANAGEMENT IN HEALTHCARE INNOVATION

Paper discussion, Privacy Law Scholars Conference, at the George Washington School of Law in Washington, D.C., May 2018.

THE ETHICS OF BIG DATA: CHINESE AND RUSSIAN DATA LOCALIZATION CHALLENGES

Invited Presenter, Big Data Symposium, at Marquette University in Milwaukee, WI, USA, April 2018.

THE CONSENT MYTH: CONSUMER CHOICE, MARKET INTERESTS, AND PREFERENCE MANAGEMENT

Presenter, 8th Annual Internet Law Works-in-Progress Conference, at the New York Law School in New York, NY, USA, Mar 2018.

EFFECTIVE BUSINESS OPERATIONS AND COMPLIANCE

Moderator, Health Law Institute Symposium: Hot Topics in Healthcare Compliance: Engage with Leaders in St. Paul, MN, USA, Mar 2018.

HIDDEN COSTS AND REGULATORY GAPS IN REMOTE MONITORING, IOT, AND TELEHEALTH LONG-TERM CARE

Panelist, Long-Term Care Panel, at the Association of American Law Schools Annual Meeting in San Diego, CA, USA, Jan 2018.

2017

DEUS EX MACHINA: MANAGING CYBERSECURITY THREATS FOR PATIENTS OF THE FUTURE

Invited Presenter and Panelist, Emerging Cybersecurity Threats Panel, at the Savannah School of Law Colloquium in Savannah, GA, USA, Sept 15, 2017.

NAVIGATING HEALTHCARE CYBERSECURITY AND PRIVACY LAW

Moderator and Panelist, Complying with International Cybersecurity and Privacy Regulatory Requirements Panel at the Mitchell Hamline School of Law Conference in St. Paul, MN, USA, June 29, 2017.

THIRD PARTY CONSIDERATIONS FOR STATE AND LOCAL GOVERNMENT

Panelist, Cybersecurity Governance Panel at the University of Nebraska – Lincoln School of Law Conference on State, Local, and Regional Issues in Cybersecurity in Lincoln, NE, USA, Mar 2017.

THE INTERNET OF THINGS AND DATA SHARING: A CONNECTED PRIVACY APPROACH FOR DEVICE MANUFACTURERS

Presenter, 7th Annual Internet Law Works-in-Progress Conference at the Santa Clara School of Law in Santa Clara, CA, USA, Mar 2017.

2006-2016

COPYRIGHT AND THE PUBLIC SPHERE: REIMAGINING LAW AND ECONOMICS TO SOLVE THE NATIONAL INSTITUTES OF HEALTH PUBLISHING CONTROVERSY

Presenter, Journal of the Association of European Research Libraries (LIBER) International Conference, Max Planck Institute for Innovation and Competition, Munich, Germany, June 2013.

INVESTIGATING THE “PUBLIC” IN THE PUBLIC LIBRARY OF SCIENCE: GIFTING ECONOMICS IN THE INTERNET COMMUNITY

Presenter, First Monday 10th Anniversary International Conference on Open Access, University of Chicago, USA, May 2006.

SELECTED PROFESSIONAL WORK EXPERIENCE

Sr. Global Consultant and Sr. Program Manager, Global Health Data Protection and Privacy Program Nov 2015- Jul 2020
Medtronic, Inc., Fridley, MN

Managed healthcare privacy compliance for a global top-150 corporation, including contracts negotiation for M&A transactions, divestitures, and third parties.

Director, Information Security
Carlson Wagonlit Travel, Minnetonka, MN

July 2014-
Oct 2015

Managed international cybersecurity program for a massive privately owned company.
Negotiated vendor and M&A contracts in the hundreds of millions.

Extern/Associate, Patent Prosecution, Electrical Engineering Patents
Brooks, Cameron & Huebsch, LLP

Jan 2015-
May 2015

Drafted patents in critical infrastructure cybersecurity safeguards, HVAC, quantum computing, wireless computing, and light-emitting diode (LED) technologies.

Senior Manager, Engineering and Information Security
Information Technology and Engineering
Target Corporation, Minneapolis, MN

Apr 2008-
June 2014

Led IT, engineering, and security teams before, during, and after the Target data breach.
Managed healthcare, banking, and corporate compliance, as well as the IT Help Desk.

PROFESSIONAL PRESENTATIONS/PANELS

JUDICIAL TRAINING PROGRAM: DATA SCIENCE AND ARTIFICIAL INTELLIGENCE

Presenter, National Courts and Science Institute/RENCI University of North Carolina at Chapel Hill (Fall 2023).

UNFAIRNESS AND DISCRIMINATION IN FEMTECH AI

Presenter, Intellectual Property Law Association of Chicago Diversity, Equity, Inclusion and Privacy Event, Chicago, IL (Apr 2023).

NEGOTIATING CYBERSECURITY TERMS

Presenter, Minnesota Bar Association, Virtual (Mar 2023).

INTRODUCTION TO BIPA

Presenter, Chicago Bar Association Privacy and Cyberlaw Section, Virtual (Sept 2021).

PRIVACY ISSUES IN HEALTHCARE BIG DATA AND AI

Presenter, American Health Law Association, Virtual (Nov 2020).

PRIVACY LAW'S HOT TOPICS

Moderator, Privacy Salon Regulator + Industry Workshop, Virtual (Sept 2020).

INTERNATIONAL PRIVACY LAW

Moderator, Privacy Salon Regulator + Industry Workshop, Virtual (Sept 2020).

ARTIFICIAL INTELLIGENCE AND INTERNATIONAL DATA PROTECTION LAW

Presenter, Feb 2020 Legal Forum on Statewide Privacy Compliance in Sacramento, CA (invited presenter).

MACHINE LEARNING AND HEALTH PRIVACY

Presenter, Feb 2019 Regional Mensa Conference in Minneapolis, MN (invited presenter).

HOW TO NAVIGATE INTERNATIONAL PRIVACY AND DATA SECURITY DEVELOPMENTS: BEYOND THE US AND THE EU

Presenter, Jan 2019 Midwest Legal Conference on Privacy & Data Security in Minneapolis, MN, USA (invited presenter).

DEMOCRATIZING PRECISION MEDICINE VIA ETHICAL DATA CAPTURE AND USE

Presenter, Jan 2019 Precision Medicine World Conference 2019 in Santa Clara, CA, USA (invited presenter).

THE ARTIFICIALLY INTELLIGENT HEALTH MACHINE

CLE Presentation, Sept 2018, at the DePaul University College of Law in Chicago, IL, USA.

MANAGING GLOBAL THIRD -PARTY PRIVACY RISK

Presenter, Mar 2018 Secure360 Conference in Milwaukee, WI, USA (invited presenter).

CONTRACTING FOR SECURITY

Presenter, Mar 2018 Secure360 Conference in Milwaukee, WI, USA (invited presenter).

REPUTATION MANAGEMENT IN THE AGE OF GDPR

Presenter, Feb 2018 IAPP KnowledgeNet in Minneapolis, MN, USA (invited panelist).

UPDATES IN ASIA-PACIFIC PRIVACY, CYBERSECURITY, AND DATA LOCALIZATION: GUIDED DISCUSSION

Presenter, Jan 2018 Midwest Legal Conference on Privacy and Data Security in Minneapolis, MN, USA (invited presenter).

THE CHINESE CYBERSECURITY LAW AND THE EU GENERAL DATA PROTECTION REGULATION

Presenter, Jan 2018 Midwest Legal Conference on Privacy and Data Security in Minneapolis, MN, USA (invited presenter, with Brian Hengesbaugh, Baker & McKenzie).

STATE AND FEDERAL PRIVACY CONSIDERATIONS FOR GOVERNMENT EMPLOYEES

Presenter, Dec 2017 Minnesota Government IT Symposium in St. Paul, USA (invited presenter).

MANAGING THIRD PARTY IT: MANAGING VENDOR SECURITY AND DESIGNING EFFECTIVE CONTRACTS

Presenter, Dec 2017 Minnesota Government IT Symposium in St. Paul, USA (invited presenter, with Bryce Meyer, Thomson Reuters).

MANAGING THIRD PARTY RISK

Presenter, Oct 2017 Information Systems Security Association meeting in Minneapolis, MN, USA (invited presenter).

STATE PRIVACY LAWS: COMPLIANCE IMPOSSIBLE?

Presenter, Oct 2017 International Association of Privacy Professionals KnowledgeNet in Minneapolis, MN, USA (invited panelist).

DESIGNING PRIVACY FOR THE INTERNET OF THINGS: A PRODUCT-ORIENTED COMPLIANCE APPROACH

Presenter, Sept 2017 (ISC)² Security Congress in Austin, TX, USA.

DATA GOVERNANCE FOR LOCAL GOVERNMENT

Presenter, July 2017 Minnesota County Information Technology Leadership Association Conference in Brainerd, MN, USA (invited presenter).

THIRD PARTY RISK MANAGEMENT CONSIDERATIONS

Presenter, July 2017 Minnesota County Information Technology Leadership Association Conference in Brainerd, MN, USA (invited presenter).

CYBER INSURANCE LIMITS AND CONDITIONS: CYBERSECURITY REQUIREMENTS TO PROTECT YOUR ASSETS

Presenter, June 2017 Health Law CLE in Seattle, WA, USA (with Stephen D. Rose, Hall Render).

CONTRACTING FOR SECURITY

Presenter, May 2017 Secure360 Conference in St. Paul, MN, USA.

GLOBAL PRIVACY AND CYBERSECURITY LEGAL CONSIDERATIONS IN THE AGE OF BIG DATA

Presenter, Apr 2017 Mitchell Hamline CLE in St. Paul, MN, USA.

INFORMATION SECURITY GOVERNANCE

Presenter, ISSA/ISC2 CISSP February 2017, Jan 2018 training sessions in St. Paul, MN, USA (invited presenter).

CAREER PATHING PANEL

Panelist, Oct 2016 Executive Women's Forum Conference in Minneapolis, MN, USA (invited panelist).

NAVIGATING THE CHALLENGES OF A CHANGING CYBERSECURITY CONTRACTS LANDSCAPE

Presenter, Sept 2016 MCIT Conference in St. Cloud, USA (invited presenter).

INVESTING IN PREPARATION: THE INCIDENT RESPONSE PROCESS

Presenter, Apr 2016 Mitchell Hamline Center for Law and Business Day, Cybersecurity: The New Priority for Business in St. Paul, USA. Slides available:

<http://www.slideshare.net/LeanneFuith/cybersecurity-the-new-priority-for-business-61485840>

(invited presenter).

PROFESSIONAL AND POPULAR WRITING

1600 Avenue Blog: *What is Third-party Management, and Why Does It Matter for Small Businesses and Non-profits?* (Jul 27, 2021), available at: <https://www.1600avenue.com/post/non-profits-small-businesses-third-party-management>

Op-Ed: *Big Data's Hippocratic Oath*, THE HILL (Apr 18, 2019), available at: <https://thehill.com/opinion/healthcare/439530-big-datas-hippocratic-oath> (with Dr. Piers Nash).

Op-Ed: *Facebook is Not to Blame; We Are*. THE HILL (Apr 4, 2018), available at: <http://thehill.com/opinion/technology/381213-facebook-is-not-to-blame-we-are>.

Chinese Cybersecurity and Privacy Laws, MINNESOTA CLE 2018 LEGAL CONFERENCE ON PRIVACY AND DATA SECURITY COURSEBOOK (Jan 2018).

The New York Cybersecurity Law: Building an Effective Compliance Program, COMMERCIAL FINANCE ASSOCIATION (Dec 2017).

Op-Ed: *Hacking as Civil Disobedience: A Dichotomy for Americans*, STAR TRIBUNE (June 22, 2017), <http://www.startribune.com/hacking-as-civil-disobedience-a-dichotomy-for-americans/430236073/>.

Op-Ed: *The International Communications Privacy Act: Good for Privacy, Good for Business*, MORNING CONSULT (June 15, 2017), <https://morningconsult.com/opinions/icpa-good-privacy-good-business/>.

Cyberliability Insurance, WASHINGTON STATE BAR ASSOCIATION HEALTH LAW COURSEBOOK (2017), available at: <http://wsba.vo.llnwd.net/v1/CLE%20Documents/LiveCB/17832Coursebook.pdf>.

Storing Data in the Cloud & Crafting Your Contract Carefully, C-LEVEL MAGAZINE, 20 (2016), <http://c-levelmagazine.com/minnesota/charlotte-tschider-storing-data-cloud-crafting-contract-carefully/>.

Securing Obligations: Contracting for Cloud, CYBER DEFENSE MAGAZINE (2016).

SELECTED MEDIA APPEARANCES/QUOTATIONS/INTERVIEWS

ARTIFICIAL INTELLIGENCE IN HEALTHCARE, TECH REFACTORED, Aug 9, 2022, <https://podcasts.apple.com/us/podcast/artificial-intelligence-in-medical-devices/id1537466953?i=1000575872770>.

THIS CHILDREN'S HOSPITAL NETWORK WAS GIVING KIDS' INFORMATION TO FACEBOOK, TECHAERIS, June 22, 2022, <https://techaeris.com/2022/06/22/this-childrens-hospital-network-was-giving-kids-information-to-facebook/>.

ATHIRA CITED ALTERED STUDIES IN \$15 MILLION NIH GRANT APPLICATION, CREATING LEGAL RISK, STAT, Aug 5, 2021, <https://www.statnews.com/2021/08/05/athira-cited-altered-studies-in-nih-grant-application-creating-legal-risk/>.

DOCTOR PENGUIN WEEKLY NEWSLETTER, Feature on *Medical Device Artificial Intelligence: The New Tort Frontier*, June 8, 2021.

IP MEETS IT, Interview with Loyola's IP Bytes, Dec. 31, 2020, available at: <http://blogs.luc.edu/ipbytes/2020/12/31/ip-meets-it-an-interview-with-loyolas-professor-charlotte-tschider/>.

GOOGLE WANTS YOUR DATA IN EXCHANGE FOR A CORONAVIRUS TEST, FOREIGN POLICY, Mar. 30, 2020, available at: <https://foreignpolicy.com/2020/03/30/google-personal-health-data-coronavirus-test-privacy-surveillance-silicon-valley/>.

GOOGLE, OTHER COMPANIES GET YOUR DATA IF YOU USE VERILY'S CORONAVIRUS SITE, CNet, Mar. 17, 2020, available at: <https://www.cnet.com/news/google-other-companies-get-your-data-if-you-used-verilys-coronavirus-site/>.

US WAIVES POTENTIAL HEALTH PRIVACY PENALTIES DURING CORONAVIRUS CRISIS, CNet, Mar. 17, 2020, available at: <https://www.cnet.com/health/us-waives-potential-health-privacy-penalties-during-coronavirus-outbreak/>.

BARR V. APPLE ON PHONE PRIVACY, FAULT LINES NEWS, Jan 14, 2020, Washington D.C., recording available at: <https://youtu.be/I9RC96PE3B4>

EVERY STEP YOU TAKE: INDIA'S FITNESS APPS ARE EXPLOITING USERS AND WORKERS, quoted by Gayathri Vaidyanathan, HUFFINGTON POST, Oct. 15, 2019, https://www.huffingtonpost.in/entry/goqii-healthifyme-data-privacy-employee-working-conditions_in_5da457f9e4b087efdbb1e6d2?

WEBSITE TERMS AND CONDITIONS, interviewed by Alex Whitney, NTV NEWS, Oct. 1, 2019.

AMAZON'S ENTRY INTO DRUG, DEVICE SALES BRINGS NEW LEGAL RISKS, quoted by Ayanna Alexander, BLOOMBERG LAW, Sept. 4, 2019, <https://news.bloomberglaw.com/health-law-and-business/amazons-entry-into-drug-device-sales-brings-new-legal-risks>

AMAZON'S ALEXA CAN HANDLE PATIENT INFORMATION NOW – WHAT DOES THAT MEAN FOR PRIVACY?, quoted by Angela Chen, THE VERGE, Apr 8, 2019, <https://www.theverge.com/2019/4/8/18300968/amazon-alexa-hipaa-privacy-healthcare-law>

THE FUTURE OF VOICE AI IN PATIENT CARE, quoted by Forbes Insights, FORBES, Feb 11, 2019, https://www.forbes.com/sites/insights-intelai/2019/02/11/the-future-of-voice-ai-in-patient-care/amp/?_twitter_impression=true&fbclid=IwAR3ABGDbnssIEz53EJCnsV8otOhO7AoqueQb7BFXeTh8MGirAUIZ16nGd-iA

WHY THE FUTURE OF LIFE INSURANCE MAY DEPEND ON YOUR ONLINE PRESENCE, quoted by Angela Chen, THE VERGE, Feb 7, 2019, <https://www.theverge.com/2019/2/7/18211890/social-media-life-insurance-new-york-algorithms-big-data-discrimination-online-records?fbclid=IwAR3bFbsnUDbCqQcI5CYfYeOWOjk5JRQnQh-dGSFw2dqmX3zZDkXMzK8ycCI>

HOW CAN PATIENTS MAKE MONEY OFF THEIR MEDICAL DATA? quoted by Joyce E. Cutler, BLOOMBERG LAW, Jan 29, 2019, <https://news.bloomberglaw.com/pharma-and-life-sciences/how-can-patients-make-money-off-their-medical-data?fbclid=IwAR2jp16DZLD-zHWjfXOZQUrcFk4qFYqSk-B0Tg7cR5oyswue5tkiM340EVY>

THE CONSENT MYTH, interviewed by Professor Brian Frye, IPSE DIXIT, Jan 17, 2019, <https://shows.pippa.io/ipse-dixit/episodes/charlotte-tschider-on-consent-choice-in-health-data>

HERE'S HOW ARTIFICIAL INTELLIGENCE IS USED IN HEALTHCARE – AND WHAT HAPPENS WHEN IT MAKES A MISTAKE, quoted by SOKOLOVE LAW BLOG, Oct 4, 2018, <https://www.sokolovelawfirm.com/blog/artificial-intelligence-medical-errors/>

DON'T SHARE YOUR HEALTH DATA WITH INSURANCE COMPANIES JUST FOR THE PERKS, quoted by Robert David Hart, QUARTZ, Sept 11, 2018, <https://qz.com/1367202/dont-share-your-health-data-with-insurance-companies-just-for-the-perks/>

WHY LAWYERS, LAW PROFESSORS, AND JUDGES SHOULD CARE ABOUT BLOCKCHAIN, presentation discussed by Marcia Narine Weldon, August, 2018, BUSINESS LAW PROF BLOG, https://lawprofessors.typepad.com/business_law/2018/08/why-lawyers-law-professors-and-judges-should-care-about-blockchain.html

CYBERSECURITY AND PRIVACY AFTER FACEBOOK, FAULT LINES NEWS, Apr 9, 2018, Washington D.C., recording available at: <https://www.youtube.com/watch?v=4GXtTnocOek>

DO YOU USE DELTA? YOUR INFORMATION MAY HAVE BEEN HACKED. HERE'S WHAT YOU NEED TO KNOW, quoted by Herb Scribner, DESERET NEWS (Reprinted in USA TODAY), Apr 5, 2018, <https://www.deseretnews.com/article/900015031/new-data-breach-hits-sears-and-delta-customers-heres-what-you-need-to-know.html>

WHAT DATA BROKERS KNOW ABOUT YOUR FAMILY, AND WHY IT MATTERS, quoted by Jennifer Graham, DESERET NEWS (Reprinted in CONNECT STATESBORO), Apr 4, 2018, <https://www.deseretnews.com/article/900014861/is-facebook-the-problem-or-are-we-what-data-dealers-know-about-your-family-and-why-it-matters.html>

COLIN S. LEVY TECHNICAL INNOVATION BLOG INTERVIEW, interviewed by Colin S. Levy, COLIN S. LEVY NOTED FROM THE FRONT LINES OF LEGAL INNOVATION BLOG, Mar 2018, <https://colinslevy.com/2018/04/02/charlotte-tschider/>

GETTING RID OF THE TIGHTROPE BETWEEN WORK AND LIFE, interviewed by Jeena Cho, **THE RESILIENT LAWYER**, Feb 19, 2018, <https://www.stitcher.com/podcast/jeena-cho/the-resilient-lawyer/e/53378900>

THE LAW NEEDS TO REFLECT INTERNATIONAL CLOUD AND DATA STORAGE REALITIES, quoted by Raymond J. Keating, **SMALL BUSINESS AND ENTREPRENEURSHIP COUNCIL**, Oct 18, 2017, <https://sbecouncil.org/2017/10/18/the-law-needs-to-reflect-international-cloud-and-data-storage-realities/>

PROTECTING YOURSELF AFTER THE #WANNACRY RANSOMWARE ATTACK, May 15, 2017, All Things Considered, **MINNESOTA PUBLIC RADIO**, St. Paul, MN.

IMPLICATIONS OF THE DEMOCRATIC NATIONAL CONVENTION RUSSIAN DATA BREACH, January 8, 2017, **WCCO News and Views with Roshini Rajkumar**, Minneapolis, MN, recording available at: <https://player.fm/series/roshini-rajkumar-86250/1-1-17-wccos-news-and-views-with-roshini-rajkumar-12-pm>

PROFESSIONAL ENGAGEMENT & CONTRIBUTION

- Guest Co-Convenor, Legal Scholars Roundtable on Artificial Intelligence, Feb 2022-present (Emory University)
- Data Breach Analysis Research Team (with Harvard Medical Center)
- Contributor, 1600 Avenue Diversity, Inclusivity & Equity in Tech Non-Profit, Jul 2021-present (invited)
- Internet Policy Interoperability Working Group, Oct 2021-present (invited)
- Steering Committee, eHealth Initiative, Jan 2020-present (invited)
- Organizing Committee, Cybersecurity Law & Policy Scholars Conference, July 2020-present (invited)
- International Association of Artificial Intelligence Law (IAAIL), Oct 2017-present
- International Association of Privacy Professionals (IAPP), May 2013-Dec 2021 (Certifications: CIPP/US, CIPP/E)
- International Info. Systems Security Certification Consortium (ISC²), Nov 2010-present (Certification: CISSP)
- Advisor, Assurance Health Data, 2020-2021
- American Bar Association, Business Law and Cyberspace Law Committees, June 2016-2021
- Advisor, ROKHealth Korea-U.S. COVID-19 Health Product Organization, Mar 2020-Jul 2021
- AALS BioLaw Executive Board; Member, AALS Health Law Section, 2020-2021
- Fulbright Specialist, Fulbright Scholar Program, Apr 2017 - Jan 2022
- Advisory Board, Midwest Legal Conf. on Data Security, Jan 2017-Jan 2019
- Consultant, Illinois Gen. Assembly Cybersecurity Committee, May 2019-July 2019
- Advisor, DePaul Cyber Law Organization, Dec 2018-July 2019
- Executive Women's Forum (EWF), Oct 2015-July 2019
- Trainer, ISSA Certified Info. Systems Security Professional Bootcamp (2017-2018)

- Advisor, The App Association (2016-2018)
- Advisory Board, Intn'l Assoc. of Privacy Professionals (IAPP) (2015-2017)
- Legal Advisor, Online Web Application Security Project (OWASP) (2014-2017)

ADDITIONAL PROFESSIONAL AWARDS

- Nominated for the Loyola University Peter Hans Kovenbach Award for Engaged Teaching (2022-2023)
- Top Women in Cybersecurity to Follow on Twitter, Cybersecurity Ventures (2018)
- Target Corporation Annual Corporate Leadership Award (2011)
- Target Corporation Annual Information Security Award (2010)

PEER REVIEWS

- Yale Journal of Health Law and Ethics
- IEEE Communications
- Yearbook of Islamic and Middle Eastern Law
- University of Illinois Law Review
- Nature
- Nature Medicine
- Big Data & Society
- Cambridge University Press
- Oxford University Press
- Journal of World Intellectual Property
- Journal of Cybersecurity