SCOTT J. SHACKELFORD JD, PH.D.

OFFICE ADDRESS
Department of Business Law & Ethics
Indiana University, Kelley School of Business
1309 E. Tenth St.
Bloomington, IN 47405
(812) 856-6728
sjshacke@iu.edu

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UNIVERSITY OF CAMBRIDGE, M.Phil. in International Relations, May 2006; Ph.D. in Politics and International Studies, May 2012

> **Honors**: Graduated First (Highest Distinction)
> **Doctoral Dissertation**: *Governing the Global Commons in International Law and Relations*
> **Activities**: Convener, International Law Research Group; Section Editor, *Cambridge Review of International Affairs*; International Officer, Darwin College; Member, Darwin Men's Rowing Team

STANFORD LAW SCHOOL, J.D., June 2009

> **Honors***:* Graduated with Academic and Pro Bono Distinction; Jessup Moot Court Best Oralist Award
> **Journal**: co-Editor-in-Chief, *Stanford Journal of International Law*
> **Activities**: Founder, SLS Academy; Co-Creator, Stanford Elder Law Pro Bono Project; Member, Jessup International Law Moot Court Team; Teacher, Street Law; East Palo Alto Volunteer Attorney Program; Representative, Stanford Committee on Health and Safety; Author, *Stanford Judicial Review*; Finalist, Stanford Student Enterprises Ventures Competition

INDIANA UNIVERSITY, B.A., *summa cum laude*, in Economics and Political Science *with Honors*, August 2005, Minors in Spanish, International Studies, and Psychology, Liberal Arts Management Program Certificate

> **Honors**: Early Admit, Phi Beta Kappa; 2005 Elvis J. Stahr Distinguished Senior Award Recipient; University of Pennsylvania Institute for Research into Cognitive Science 5th Annual Summer Fellowship; Justice, IU Student Association Supreme Court
> **Study Abroad**: University of Sussex, Development Studies (Brighton, UK, Jan.-June 2004); Universidad de Salamanca**,** Spanish Grammar, Conversation and History **(**Salamanca, Spain, June-Aug. 2003); Czech University of Economics, International Youth Leadership Conference (Prague, Czech Republic, Jan. 2003)

OSTROM WORKSHOP   Bloomington, IN
Executive Director, (Dec. 1, 2019-)
Acting Director, (Aug. 1, 2019-Nov. 30, 2019)

❖ Lead the Ostrom Workshop community, created strategic plan, and put into place a new grant structure to support a 15-fold increase in external funding at the Workshop
❖ Launched working groups, and relaunched the Workshop Advisory Council (WAC)
❖ Organized commemorative events for the 10-year anniversary of Elinor Ostrom's Nobel Prize, and the 50th anniversary of the Ostrom Workshop
❖ Created a new Program on Commons Governance, reorganized the Environmental and Natural Resource Governance Program and the Political Economy Programs, launched the new Food Systems and Agrarian Studies Program
❖ Partnered with the International Association for the Study of the Commons (IASC) on to offer the Ostrom Workshop Summer Academy, and the Ostrom MOOC on IU Expand
❖ Created a new podcast, the Governance Roundtable of the Ostrom Workshop (GROW)

OSTROM WORKSHOP   Bloomington, IN

Director, Program on Cybersecurity and Internet Governance, (Sept. 2016-Present)
- ❖ Assemble a critical mass of scholars in cybersecurity and Internet governance research across IU Bloomington and IUPUI as Workshop Affiliated Faculty
- ❖ Organize monthly seminars featuring invited papers and speakers to help deepen and enrich IU's cybersecurity and Internet governance research community
- ❖ Manage occasional conferences to bring together thought leaders and policymakers
- ❖ Serve on the Ostrom Workshop's Board of Directors
- ❖ Identify and invite occasional visiting scholars, who will be leaders in the cybersecurity and Internet governance fields, to come to the Ostrom Workshop and thereby help to further develop IU's intellectual ties in this space with the wider world
- ❖ Administer the Program's budget, which will be used for inviting speakers, organizing colloquia, engaging in research collaborations, compensating short-term visiting scholars, and otherwise building the Program in collaboration with other relevant academic units across campus

CENTER FOR APPLIED CYBERSECURITY RESEARCH (CACR)   Bloomington, IN
Executive Director, (July 1, 2022-Present)
- ❖ Lead interdisciplinary cybersecurity research and service organization with a staff of 12 bringing in more than $50 million in external funding to IU-Bloomington
- ❖ Developed new partnerships and opportunities for engagement across Indiana, and beyond
- ❖ Created expanded internship program, advisory council, marketing strategy, and revitalized the CACR Fellows Program

INDIANA UNIVERSITY-BLOOMINGTON
Cybersecurity Risk Management Program Chair (June 2017-June 2022) Bloomington, IN
- ❖ Selected as first Cybersecurity Program Chair to administer IU-Bloomington's multidisciplinary program in Cybersecurity Risk Management, which ties together the Kelley School of Business, Maurer School of Law, and the School of Informatics and Computing
- ❖ Developed the M.S. in Cybersecurity Risk Management in-residence and online proposals, along with graduate cybersecurity certificate programs
- ❖ Managed both in-residence and online cybersecurity programs along with Program staff
- ❖ Created M.S. Program tracks (technical, business, legal, and AI)
- ❖ Lead the Program when it was recognized as the #4 online graduate cybersecurity program worldwide by *Fortune* magazine in 2022

INDIANA UNIVERSITY KELLEY SCHOOL OF BUSINESS
Provost Professor of Business Law and Ethics, (July 2023-Present)   Bloomington, IN
Professor of Business Law and Ethics, (July 2022-June 2023)   Bloomington, IN
Associate Professor of Business Law and Ethics, (July 2016-June 2022) Bloomington, IN
Assistant Professor of Business Law and Ethics, (July 2010-June 2016)   Bloomington, IN
- ❖ Created Cybersecurity & IT Leadership Executive Certificate Program, which was delivered in collaboration with Employ Indy (Sept. 2018)
- ❖ Taught L201: The Legal Environment of Business, which is a survey business law course covering legal reasoning, torts, contracts, agency, employment, and international law
- ❖ Developed L302: Sustainability Law and Policy, a new, award-winning undergraduate survey course covering the economic, environmental, social, ethical, and legal aspects of sustainability, including U.S. environmental and international law

- ❖ Developed L272: Sustainability Down Under, a global business immersion core class focused on comparative sustainability law and policy in the U.S. and Australia, including an embedded travel component to Sydney and Canberra, Australia incorporating business, governmental, and cultural visits as well as an international service-learning project for the Australian Capital Territory Office of the Commissioner for Sustainability and the Environment
- ❖ Developed L580: Cybersecurity Law and Policy, a new, required Masters of Science in Information Systems course on U.S. and comparative cybersecurity best practices incorporating innovative consulting projects for the State of Indiana Office of Technology
- ❖ Developed T578: Cybersecurity Law and Policy, an online version of L580 for the MS in Information Technology Management program
- ❖ Developed, in collaboration with Profs. Sumit Ganguly and David Bosco along with the Institute for Defense and Business (IDB), a Strategic Fellows Program for the U.S. Army's future leaders that began in 2016 with 23 Captains and Majors participating and continued in 2017 with enrollment growing to 33
- ❖ Faculty facilitator for X576: Sustainability in Indonesia, an MBA emerging markets course focused on sustainable development in Indonesia including a two-week trip to the country to visit businesses, speak with policymakers, and attend cultural events (2013)
- ❖ Faculty facilitator for X576: Managing Geostrategic Risk in Eastern Europe, an MBA emerging markets course focusing on Turkey and Georgia including a two-week trip to Istanbul, Cappadocia, and Tbilisi to visit businesses, speak with policymakers, and attend cultural events (2015)
- ❖ Developed X574: Issues in International Business Law for the International Graduate Business School in Zagreb, Croatia, including special coverage of comparative sustainability law and policy, cybersecurity, and privacy with an emphasis on E.U. and U.S. law (2013, 2014)
- ❖ Developed B655: Information Privacy & Security Management Practicum for the Maurer School of Law (2015), which included an innovative applied service-learning project with the Town of Speedway, Indiana in partnership with the Indiana Office of Technology
- ❖ Developed L59X: Cybersecurity Risk Management Capstone, the final course featuring an applied practicum for the M.S. in Cybersecurity Risk Management Program
- ❖ Created and facilitated a cybersecurity capstone project that included representatives from the Town of Speedway, IN, the Indiana National Guard, U.S. Cyber Command, and NATO for a joint program between the U.S. Army and IU in which 20-25 Army Captains and Majors receive international security training at IU-Bloomington
- ❖ Exec Ed Professor for C511: Organizational Development and Change, introducing U.S. and international law to executives from China International Marine Corporation (2013, 2014)
- ❖ Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing data privacy and cybersecurity to executives from John Deere (2013, 2014)
- ❖ Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing data privacy and cybersecurity to executives from Cummins (2013, 2014, 2015)
- ❖ Exec Ed Professor for C514: Managing Human Resources in a Global Environment, introducing students from the Purdue Agricultural School to U.S. law in a global context focusing on sustainable development and cybersecurity law and policy (2013, 2014)
- ❖ Exec Ed Professor for Z501: Leadership Assessment Preparation for Success, introducing students from Sungkyunkwan University (SKKU) to U.S. law in a global context and

focusing on sustainable development and comparative cybersecurity law and policy (2014, 2015)
- ❖ Exec Ed Professor for C511: Organizational Development and Change, introducing a diverse group of professionals to U.S. and comparative cybersecurity law and policy

HARVARD UNIVERSITY KENNEDY SCHOOL OF GOVERNMENT
Research Fellow, (Aug. 2016-Feb. 2017)   Cambridge, MA
- ❖ Competitively selected as 2016-2017 research fellow with the Science, Technology, and Public Policy Program's Cyber Security Project at the Belfer Center for Science and International Affairs at the Harvard Kennedy School
- ❖ Active participant in Belfer intellectual life, including participating in group meetings, fellows' meetings, the Belfer seminar series, and affiliate Kennedy programs
- ❖ Collaborated on a number of joint cybersecurity research projects with colleagues across Harvard and beyond

STANFORD UNIVERSITY HOOVER INSTITUTION   Stanford, CA
W. Glenn Campbell and Rita Ricardo-Campbell National Fellow, (Aug. 2014-Dec. 2014)
- ❖ Awarded a competitive research fellowship at the Hoover Institution, which has been rated as the top think tank in the world, to pursue my project "Toward a State-Centric Cyberspace?" exploring the role of national cybersecurity strategies in advancing a culture of cyber peace
- ❖ Chosen to receive the 2014-15 Edward Teller National Fellowship at Hoover
- ❖ Selected as a 2014-15 Visiting Scholar, Stanford Law School

UNIVERSITY OF NOTRE DAME   South Bend, IN
Visiting Assistant Professor & Distinguished Fellow, (Aug. 2013-Dec. 2013)
- ❖ Competitively selected out of a field of more than 200 applicants as a distinguished fellow housed at the Institute for Advanced Study
- ❖ Conducted interdisciplinary research on sustainable development and the ethical dimensions of contemporary cybersecurity challenges including cyber warfare
- ❖ Invited to present research in interdisciplinary forums across campus, including Notre Dame Law School and the John J. Reilly Center for Science, Technology, and Values

UNIVERSITY OF CAMBRIDGE
Convener, Research Group on International Law, (Oct. 2009-Oct. 2010) Cambridge, England
- ❖ Organized sessions on current topics in international law for the Cambridge Centre of International Studies in conjunction with the Lauterpacht Center for International Law
- ❖ Chaired talk for Dr. Marc Weller of the Cambridge Centre for International Studies who presented his paper on the failure of legal advisors on the lead up to the war in Iraq

STANFORD UNIVERSITY
Teaching Assistant, (Sep. 2008-Jan. 2009)   Stanford, CA
- ❖ Teaching assistant for Introduction to American Law taught by Prof. Lawrence Friedman
- ❖ Received outstanding evaluations from students (available upon request)

INDIANA UNIVERSITY
Business Law and Economics Instructor, (Jan. 2003-May 2005)   Bloomington, IN
- ❖ Wrote lesson plans and taught three hours of supplemental instruction weekly for more than 300 business law and economics students

ACADEMIC AWARDS & HONORS

- Provost Professor, Indiana University-Bloomington (*endowed professor bestowed by the IU Board of Trustees; first professor in the history of the Kelley School of Business so honored*)
- Winner, *Poets & Quants* 'Best 40-Under-40' MBA Professors (2022)
- Winner, 2019 Cyber Future Society Award (*recognizing "incredible support towards building a trusted cyberspace"*)
- Winner, 2018 Southeast Academy of Legal Studies in Business Best Proceedings Paper Award (*with Nathaniel Grow*)
- Winner, 2015 Elinor Ostrom Award for Collective Governance of Common Resources (*Junior Scholar Category*)
- Winner, 2015 ALSB Distinguished Junior Faculty Award (*the most prestigious award available to tenure-track faculty from the international Academy of Legal Studies in Business*)
- Winner, 2015 Hoeber Memorial Award (*honoring the best peer-reviewed best article published in the prior volume of the* American Business Law Journal *as judged by a panel of former ABLJ Editors in Chief*)
- Winner, 2015 Kelley School of Business Research Award (*honoring the most productive Assistant Professor in the School*)
- Winner, 2014 IU-Bloomington Outstanding Junior Faculty Award (*the most prestigious award available to tenure-track faculty at Indiana University*)
- Stephen M. Kellen Term Member, Council on Foreign Relations (2014-19)
- IU Nominee, Carnegie Fellows Program (2015, 2016)
- Nominated for Poets & Quants "40 Under 40" Best Business Professors Series (2015)
- Fulbright Specialist Award in Law at Economics Institute, University of Zagreb, Croatia (2013)
- Winner, 2013 Academy of Legal Studies in Business (ALSB) Outstanding Proceedings Paper Award
- Article *Governing the Final Frontier: A Polycentric Approach to Managing Space Weaponization and Debris* selected as a Distinguished Paper for the Academy of Legal Studies in Business National Conference (2013)
- Competitively selected to participate in short-term IU faculty exchange program with National Institute of Development Administration located in Bangkok, Thailand, to collaborate with local cybersecurity scholars and teach a graduate-level business law course (2016)
- Indiana University Center for International Business Education & Research (CIBER) U.S. Department of Education Grant (2011)
- Indiana University Office of the Vice President for International Affairs Overseas Research Grant (2011)
- Department of Defense National Defense University Grant Recipient for Research on Cybersecurity Law and Policy (2011)
- Stanford Law School Steven Block Civil Liberties Award for Writing on Civil Rights (2009)
- Rotary Ambassadorial Scholarship, State of Indiana (2006)
- Cambridge Overseas and European Trusts Bursary Awards (2006)
- Selected for inclusion in the Academic Keys Who's Who in Business Higher Education

FELLOWSHIPS

- ❖ Research Fellowship, Science, Technology, and Public Policy Program, Belfer Center for Science and International Affairs, Harvard Kennedy School (2016-17)
- ❖ W. Glenn Campbell and Rita Ricardo-Campbell National Fellowship at the Hoover Institution, Stanford University (2014-15)
- ❖ Edward Teller National Fellowship, Hoover Institution, Stanford University (2014-15)
- ❖ Notre Dame Institute for Advanced Study Distinguished Visiting Fellowship (2013-14)
- ❖ Visiting Scholar, Stanford Law School (2014-Present)
- ❖ Senior Fellow, Indiana University Center for Applied Cyber Security Research (2011-Present)
- ❖ Service-Learning Faculty Fellow (2011-12)
- ❖ Stanford Center on International Conflict and Negotiation Fellowship (2008)
- ❖ Stanford Law School Public Interest Fellowship (2007)
- ❖ National Security Education Program Graduate Boren Fellowship (2007)

AFFILIATIONS

- ❖ Non-Residential Scholar, Insurance Information Institute (2023-Present)
- ❖ Affiliated Professor of Law, IU Maurer School of Law
- ❖ Affiliated Professor of Political Science, IU Political Science Department
- ❖ Affiliate, Harvard Kennedy School Belfer Center for Science and International Affairs (2017-Present)
- ❖ Visiting Scholar, Stanford Law School (2014-16)
- ❖ Affiliate Scholar, Stanford Center for Internet and Society (2014-Present)
- ❖ Core Faculty, Indiana University School for Global and International Studies
- ❖ Affiliated Faculty, Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis
- ❖ Affiliated Faculty & Advisory Board Member, Center on American and Global Security
- ❖ Affiliated Faculty, Center for Law, Society, and Culture
- ❖ Affiliated Faculty, Maurer School of Law
- ❖ Affiliated Faculty, Liberal Arts Management Program (LAMP)
- ❖ Affiliated Faculty, Indiana University Center for the Study of Global Change
- ❖ Affiliated Faculty, Indiana University Institute for European Studies
- ❖ Affiliated Faculty, Indiana University Integrated Program in the Environment
- ❖ Affiliated Faculty, Russian and East European Institute
- ❖ Affiliated Faculty, Emerging Technologies of National Security and Intelligence, John J. Reilly Center, University of Notre Dame
- ❖ Researcher, Institute for National Security Studies at National Defense University

TEACHING HONORS

- ❖ *Winner*, 2023 IU Trustees' Teaching Award for Excellence
- ❖ *Winner*, 2023 Elvin S. Eyster Teaching Scholar Award
- ❖ *Finalist*, 2022 IU Trustees' Teaching Award for Excellence
- ❖ *Finalist*, 2021 IU Trustees' Teaching Award for Excellence
- ❖ *Finalist*, 2020 IU Trustees' Teaching Award for Excellence
- ❖ *Finalist*, 2019 IU Trustees' Teaching Award for Excellence
- ❖ Hacking 4 Defense (H4D) Teaching Excellence Certification (2020)

- ❖ Winner, 2015 Sauvain Undergraduate Teaching Award (*recognizes excellence in teaching philosophy and techniques of tenure-track faculty*)
- ❖ Winner, 2015 Elvin S. Eyster Teaching Scholar (*recognizes excellence in the creation, utilization, and dissemination of knowledge that enhances the teaching and learning process*)
- ❖ Winner, 2014 IU Sustainability Course Development Fellowship for Global Business Immersion L272: Sustainability Down Under
- ❖ Recipient, 2014 Campus Writing Program Summer Writing-Teaching Grant
- ❖ Winner, 2012 Campus Sustainability Award for Teaching Excellence, http://newsinfo.iu.edu/news/page/normal/23483.html
- ❖ Winner, 2012 Kelley School of Business Innovative Teaching Award
- ❖ Winner, 2011 Indiana University Trustees' Teaching Award for Excellence (*bestowed under the auspices of the Indiana University Trustees in recognition of the University's most distinguished teachers*)
- ❖ Winner, IU Sustainability Course Development Fellowship for L302: Sustainability Law and Policy (2011)
- ❖ Sustainability course featured in *Inside IU*: Steve Hinnefeld, *Kelley Sustainability Course Breaks New Ground*, INSIDE IU (Aug. 15, 2012), http://inside.iu.edu/editors-picks/campus-life/8-15-12-kelley-sustain.shtml
- ❖ Recognized as being in top three percent of all instructors at the Kelley School of Business based on student evaluations (2011)
- ❖ Nominated for Indiana University Student Choice Award for Outstanding Faculty Members in 2011 and 2012
- ❖ L302: Sustainability Law & Policy course featured in the Academy of Legal Studies in Business Environmental-Sustainability Newsletter

RESEARCH & PUBLICATIONS

RESEARCH INTERESTS

- Cybersecurity law and policy
- International law and relations
- Privacy and comparative property rights
- Sustainability law and policy

BOOKS

1. SCOTT SHACKELFORD, MICHAEL MATTIOLI, JEFFREY PRINCE, & JOÃO MARINOTTI, THE METAVERSE: WHAT EVERYONE NEEDS TO KNOW (Oxford University Press, forthcoming 2024).
2. DEFENDING DEMOCRACY IN THE DIGITAL AGE (edited by Scott Shackelford, Frederick Douzet, Chris Ankersen, and Michael McRobbie, Cambridge University Press, 2024).
3. SCOTT J. SHACKELFORD & SCOTT O. BRADNER, FORKS IN THE DIGITAL ROAD: KEY DECISIONS IN THE HISTORY OF THE INTERNET (Oxford University Press, forthcoming 2024).
4. SCOTT J. SHACKELFORD & EMILY CASTLE, LIN'S UNCOMMON LIFE (IU Press, 2023).
5. CYBER PEACE: CHARTING A PATH TOWARD A SUSTAINABLE, STABLE, AND SECURE CYBERSPACE (edited by Scott Shackelford, Frederick Douzet, and Chris Ankersen eds., Cambridge University Press, 2022).
6. SCOTT J. SHACKELFORD, ANGIE RAYMOND, ERIC RICHARDS, LEGAL AND ETHICAL ASPECTS OF INTERNATIONAL BUSINESS (2d ed., Wolters Kluer Law, 2021).

7. GOVERNING NEW FRONTIERS IN THE INFORMATION AGE: TOWARD CYBER PEACE (Cambridge University Press, 2020) (reviewed by Prof. Susan Aaronson (George Washington University), Brett Frischmann (Villanova University), Mike Schmitt (University of Texas-Austin), Adam Segal (Council on Foreign Relations), Peter Swire (Georgia Tech) and James A. Stever, Choice Reviews 58: 06 (2021).

8. THE INTERNET OF THINGS: WHAT EVERYONE NEEDS TO KNOW (Oxford University Press, 2020) (reviewed by Jeff Kosseff (U.S. Naval Academy), Bruce Schneier (Harvard University), and Peter Swire (Georgia Tech)) (translated into Turkish in 2021, and Mandarin and published by Huazhong University of Science and Technology in 2020).

9. MANAGING CYBER ATTACKS IN INTERNATIONAL LAW, BUSINESS AND RELATIONS: IN SEARCH OF CYBER PEACE (Cambridge University Press, 2014) (reviewed by Richard Clarke (Good Harbor Consulting); Dr. Hamadoun I. Touré (former Secretary-General, International Telecommunication Union); Prof. Michael Schmitt (Naval War College); Prof. Paul Rosenzweig (Georgetown University); Prof. Mary Ellen O'Connell (University of Notre Dame); Prof. Don Howard (University of Notre Dame); Prof. Sean Watts (Creighton University); Brad Wheeler (CIO, Indiana University); Charles Bjork (American Association of Law Libraries), *available at* http://tinyurl.com/zwqwdqz).

ARTICLES

10. *Cybersecurity Carrots and Sticks*, __ AMERICAN BUSINESS LAW JOURNAL __ (forthcoming 2024) (with Janine Hiller & Kathryn Kisska-Schulze).

11. *Defining 'Reasonable' Cybersecurity: Lessons from the States,* 25 YALE JOURNAL OF LAW AND TECHNOLOGY 86 (2023) (with Anne Boustead & Christos Madrikis).

12. *Cyber Silent Spring*: *Leveraging ESG+T Frameworks and Trustmarks to Better Inform Investors and Consumers About the Sustainability, Cybersecurity, and Privacy of Internet-Connected Devices*, 25 UNIVERSITY OF PENNSYLVANIA BUSINESS LAW JOURNAL (2023) (with Andrea Bonime-Blanc, Martin McCrory, and Angie Raymond).

13. *Seeking a Safe Harbor in a Widening Sea: Unpacking the* Schrems *Saga and What it Means for Transatlantic Relations*, 30 WILLIAM & MARY BILL OF RIGHTS JOURNAL 319 (2022) (invited symposium article).

14. *Should We Trust a Black Box to Safeguard Human Rights? A Comparative Analysis of AI Governance*, 26 UCLA JOURNAL OF INTERNATIONAL LAW AND FOREIGN AFFAIRS 35 (2022) (with Angie Raymond, Rachel Dockery, Isak Nti Asare, Alexandra Sergueeva) (invited symposium article).

15. *Defending Democracy: Taking Stock of the Global Fight Against Digital Repression, Disinformation, and Election Insecurity*, 77 WASHINGTON AND LEE LAW REVIEW 1747 (2021) (with Angie Raymond, Abbey Stemler, and Cyanne Loyle).

16. *Wargames: Analyzing the Act of War Exclusion in Insurance Coverage and its Implications for Cybersecurity Policy*, 23 YALE JOURNAL OF LAW AND TECHNOLOGY 362 (2021).

17. *Have You Updated Your Toaster? Transatlantic Approaches to Governing the Internet of Everything*, 72 HASTINGS LAW JOURNAL 628 (2021) (with Scott O. Bradner).

18. *Inside the Drive for Cyber Peace: Unpacking Implications for Practitioners and Policymakers*, 21 UNIVERSITY OF CALIFORNIA DAVIS BUSINESS LAW JOURNAL 285 (2021).

19. *Governing AI*, 30 CORNELL JOURNAL OF LAW AND PUBLIC POLICY 279 (2021) (with Rachel Dockery).

20. *Powerhouses: A Comparative Analysis of Blockchain-Enabled Smart Microgrids*, 46 JOURNAL OF CORPORATION LAW 1003 (2021) (with Michael Mattioli) (invited symposium article).

21. *The Sport of Cybersecurity: How Professional Sports Leagues Can Better Protect the Competitive Integrity of their Games*, 61 BOSTON COLLEGE LAW REVIEW 473 (2020) (with Nathaniel Grow) (winner 2018 ALSB Regional Best Proceedings Paper Award).

22. *Rethinking Active Defense: A Comparative Analysis of Proactive Cybersecurity Policymaking*, 41 UNIVERSITY OF PENNSYLVANIA JOURNAL OF INTERNATIONAL LAW 377 (2020) (with Danuvasin Charoen, Tristen Waite, & Nancy Zhang).

23. *Unpacking the Rise of Benefit Corporations: A Transatlantic Comparative Case Study*, 60 VIRGINIA JOURNAL OF INTERNATIONAL LAW 697 (2020) (with Janine Hiller & Xiao Ma).

24. *The Future of Frontiers*, 23 LEWIS AND CLARK LAW REVIEW 1331 (2020).

25. *Smart Factories, Dumb Policy? Managing Cybersecurity and Data Privacy Risks in the Industrial Internet of Things*, 21 MINNESOTA JOURNAL OF LAW, SCIENCE, AND TECHNOLOGY 1 (2019).

26. *Should Cybersecurity Be a Human Right? Exploring the 'Shared Responsibility' of Cyber Peace*, 55 STANFORD JOURNAL OF INTERNATIONAL LAW 155 (2019).

27. *Governing the Internet of Everything*, 37 CARDOZO ARTS AND ENTERTAINMENT LAW JOURNAL 701 (2019).

28. *The Firm and Common Pool Resource Theory: Understanding the Rise of Benefit Corporations*, 55 AMERICAN BUSINESS LAW JOURNAL 5 (2018) (with Janine S. Hiller).

29. *Securing the Internet of Healthcare*, 19 MINNESOTA JOURNAL OF LAW, SCIENCE AND TECHNOLOGY 405 (2018) (with Michael Mattioli, Steve Myers, Austin Brady, Yvette Wang, and Stephanie Wong) (invited symposium article).

30. *Building a Better HAL 9000: Algorithms, the Market, and the Need to Prevent the Engraining of Bias*, 15 NORTHWESTERN JOURNAL OF TECHNOLOGY AND INTELLECTUAL PROPERTY 215 (2018) (with Anjanette Raymond & Emma Arrington Stone Young).

31. *Is it Time for a National Cybersecurity Safety Board? Examining the Policy Implications and Political Pushback*, 28 ALBANY LAW JOURNAL OF SCIENCE AND TECHNOLOGY 56 (2018) (with Austin Brady) (covered by *Politico*) (invited symposium article).

32. *When Toasters Attack: Enhancing the 'Security of Things' through Polycentric Governance*, 2017 UNIVERSITY OF ILLINOIS LAW REVIEW 415 (2017) (with Anjanette Raymond, Danuvasin Charoen, Rakshana Balakrishnan, Prakhar Dixit, Julianna Gjonaj, & Rachith Kavi).

33. *Making Democracy Harder to Hack: Should Elections be Classified as 'Critical Infrastructure?'*, 50 MICHIGAN JOURNAL OF LAW REFORM 629 (2017) (with Michael Sulmeyer, Bruce Schneier, Anne Boustead, Ben Buchanan, Amanda Craig, Trey Herr, & Jessica Malekos Smith) (invited symposium article).

34. *The Law of Cyber Peace*, 18 CHICAGO JOURNAL OF INTERNATIONAL LAW 1 (2017).

35. *Human Rights and Cybersecurity Due Diligence: A Comparative Study*, 50 MICHIGAN JOURNAL OF LAW REFORM 859 (2017).

36. *Block-by-Block: Leveraging the Power of Blockchain Technology to Build Trust and Promote Cyber Peace*, 19 YALE JOURNAL OF LAW AND TECHNOLOGY 334 (2017) (with Steve Myers) (translated into Chinese).

37. *From Russia with Love: Understanding the Russian Cyber Threat to U.S. Critical Infrastructure*, 96 NEBRASKA LAW REVIEW 320 (2017) (with Michael Sulmeyer, Ben Buchanan, Amanda N. Craig Deckard, & Brian Micic) (invited symposium article).

38. *iGovernance: The Future of Multi-Stakeholder Internet Governance in the Wake of the Apple Encryption Saga*, 42 UNIVERSITY OF NORTH CAROLINA JOURNAL OF INTERNATIONAL LAW 883 (2017) (with Eric Richards, Anjanette Raymond, Jaclyn Kerr, & Andreas Kuehn) (invited symposium article).

39. *Paris, Panels, and Protectionism: Matching U.S. Rhetoric with Reality to Save the Planet*, 19 VANDERBILT JOURNAL OF ENTERTAINMENT AND TECHNOLOGY LAW 545 (2017) (with Abbey Stemler & Eric Richards).

40. *Operationalizing Cybersecurity Due Diligence: A Transatlantic Case Study*, 67 UNIVERSITY OF SOUTH CAROLINA LAW REVIEW 1 (2017) (with Scott Russell) (invited symposium article).

41. *On Climate Change and Cyber Attacks: Leveraging Polycentric Governance to Mitigate Global Collective Action Problems*, 18 VANDERBILT JOURNAL OF ENTERTAINMENT AND TECHNOLOGY LAW 653 (2016).

42. *Sustainable Cybersecurity: Applying Lessons from the Green Movement to Managing Cyber Attacks*, 2016 UNIVERSITY OF ILLINOIS LAW REVIEW 1995 (with Timothy Fort & Danuvasin Charoen).

43. *Unpacking the International Law on Cybersecurity Due Diligence: Lessons from the Public and Private Sectors*, 17 CHICAGO JOURNAL OF INTERNATIONAL LAW 1 (2016) (with Scott Russell & Andreas Kuehn).

44. *A State-Centric Cyber Peace? Analyzing the Current State and Impact of National Cybersecurity Strategies on Enhancing Global Cybersecurity*, 18 NEW YORK UNIVERSITY JOURNAL OF LEGISLATION AND PUBLIC POLICY 895 (2016) (with Andraz Kastelic).

45. *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables*, 14 NORTHWESTERN JOURNAL OF TECHNOLOGY AND INTELLECTUAL PROPERTY 139 (2016) (with Timothy L. Fort & Anjanette Raymond).

46. *Bottoms Up: A Comparison of "Voluntary" Cybersecurity Frameworks*, 16 UNIVERSITY OF CALIFORNIA DAVIS BUSINESS LAW JOURNAL 217 (2016) (with Scott Russell & Jeffrey Haut).

47. *Securing North American Critical Infrastructure: A Comparative Case Study in Cybersecurity Regulation*, 40 CANADA-U.S. LAW JOURNAL 61 (2016) (with Zachary Bohm) (invited symposium article).

48. *Protecting Intellectual Property and Privacy in the Digital Age: The Use of National Cybersecurity Strategies to Mitigate Cyber Risk*, 19 CHAPMAN LAW REVIEW 445 (2016) (invited symposium article).

49. *Businesses and Cyber Peace: We Need You!*, 59 BUSINESS HORIZONS 539 (2016) (with Scott Russell) (invited article for special issue on business and peace).

50. *Proactive Cybersecurity: A Comparative Industry and Regulatory Analysis*, 18 AMERICAN BUSINESS LAW JOURNAL 721 (2015) (with Amanda Craig and Janine Hiller).

51. *Jury Glasses: Wearable Technology and its Role in Crowdsourcing Justice,* 17 CARDOZO JOURNAL OF CONFLICT RESOLUTION 115 (2015) (with Anjanette Raymond).

52. *Toward a Global Standard of Cybersecurity Care?: Exploring the Implications of the 2014 Cybersecurity Framework on Shaping Reasonable National and International Cybersecurity Practices*, 50 TEXAS INTERNATIONAL LAW JOURNAL 287 (2015) (with Andrew Proia, Amanda Craig, & Brenton Martell) (invited symposium article).

53. *Rhetoric Versus Reality: U.S. Resistance to Global Trade Rules and the Implications for Cybersecurity and Internet Governance*, 24 MINNESOTA JOURNAL OF INTERNATIONAL LAW 1 (2015) (with Eric Richards & Abbey Stemler) (invited symposium article).

54. *Risky Business: Lessons for Mitigating Cyber Attacks from the International Insurance Law on Piracy*, 24 MINNESOTA JOURNAL OF INTERNATIONAL LAW ONLINE 33 (2015) (with Scott Russell) (invited symposium article).

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178. *Prosecuting Genocide: Reflecting on the Vuković Decision*, JURIST - HOTLINE (Feb. 8, 2012), http://jurist.org/hotline/2012/02/scott-shackelford-srebrenica.php.

179. *Scott James Shackelford on the New Cybersecurity Survey Results*, YOUGOV (July 11, 2011), https://d25d2506sfb94s.cloudfront.net/cumulus_uploads/document/ufmvm5vtf5/YGCam-Archives-YGCam-CyberSecurityReport.pdf.

180. *Cybersecurity: How to Crash the Internet*, YOUGOV (Oct. 27, 2011), https://yougov.co.uk/news/2011/10/27/cybersecurity-how-crash-internet/.

181. *SHACKELFORD: Hacking of Sony Could Finally Trigger Tough Action*, WASHINGTON TIMES (May 12, 2011), http://www.washingtontimes.com/news/2011/may/12/getting-a-grip-on-our-electronic-lives/.

182. *Defining Privacy in the Information Age*, ARIZONA STATE LAW JOURNAL (Apr. 8, 2011), http://asulawjournal.lawnews-asu.org/?p=191.

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184. *Fight Back Against Cyber-Zombies*, HERALD TIMES, Nov. 14, 2010.

185. *Getting Burma Back Online*, HUFFINGTON POST (Nov. 5, 2010), http://www.huffingtonpost.com/scott-shackelford/getting-burma-back-online_b_779758.html.

186. *Google Needs Help Against Online Attackers*, SAN FRANCISCO CHRONICLE (Jan. 24, 2010), at E-4.

187. Scott Shackelford & Ashley Walter, *An Unconventional Class Trip*, STANFORD MAGAZINE (Mar. 2010).

188. Amanda Craig & Scott Shackelford, *Universal Pictures*, STANFORD MAGAZINE (Jan. 2009).

189. *The Next Generation of Law Teachers*, STANFORD LAWYER (Oct. 2008).

190. *Worlds Without End*, STANFORD MAGAZINE (Oct. 2007).

191. *A New Vision*, INDIANA ALUMNI MAGAZINE (July 2006).

192. Co-author, *The Water Resource Management Act of Namibia*, STANFORD LAW SCHOOL MILLS CLINICS (2009).

193. *Space, Power, and Politics in Asia*, INSTITUTE FOR PEACE AND CONFLICT STUDIES #2330 (July 4, 2007).

CONGRESSIONAL STATEMENTS & REPORTS

194. STATE OF HOOSIER CYBERSECURITY 2020 (prepared for Indiana Executive Council on Cybersecurity in collaboration with the Indiana Attorney General's Office) (co-author Anne Boustead).

195. Invited Written Statement for the Record of Professors Scott Shackelford and Steve Myers, U.S. Senate Committee on Commerce, Science, and Transportation Hearing, "The Promises and Perils of Emerging Technologies for Cybersecurity" (Mar. 22, 2017), http://www.commerce.senate.gov/public/index.cfm/2017/3/the-promises-and-perils-of-emerging-technologies-for-cybersecurity.

196. *2017 State of Cybersecurity Among Small Businesses in North America*, BETTER BUSINESS BUREAU (2017) (expert adviser), https://www.bbb.org/council/news-events/news-releases/2017/10/the-state-of-small-business-cybersecurity-in-north-america/.
197. *Success Paths to Sustainable Manufacturing*, SPEA (2015) (with Shahzeen Attari, Sanya Carley, and Jerry Jasinowski).

WORKS IN PROGRESS

198. *Transatlantic Data Governance, Polycentricity, and the Pandemic*
199. *Defining 'Reasonable' Cybersecurity*
200. *Sixth Domain*

CITATION STATISTICS AS OF AUGUST 2021

SSRN

The Social Science Research Network (SSRN) is the largest interdisciplinary social science academic network in the world with more than 950,000 papers uploaded as of March 2021.

- **Author Rank** – 1,225 out of 598,137 **(top .002%)**
- **Author Rank from last 12 Months** – 642
- **Top Law Scholar** – Rank 266 Globally (out of 3,015)
- **Total Paper Downloads** – 27,074
- **Total Abstract Views** – 100,000+

LEXISNEXIS

Nexis Uni is a leading global provider of legal, regulatory and business information and analytics.

- **Total Citations in Law Reviews** – 468 (269+ since 2016)
- **Sample of Professors Citing Work** – Professor Oona Hathaway, Yale Law School; Professor Mary Ellen O'Connell, University of Notre Dame Law School; Professor Catherine Lotrionte, Georgetown University; Lawrence Gordon, University of Maryland Business School
- **Sample of Outlets in which Scholarship has been Cited –** *Harvard Law Review*, *University of Chicago Law Review, University of Pennsylvania Law Review, Georgetown Law Review, George Washington Law Review*, *Yale Journal of International Law*

BEPRESS

Bepress, formerly the Berkeley Electronic Press, was established by academics in 1999 and today acts as both a substantial research database and submissions engine.

- **Total Paper Downloads** – 13,512
- **Total Search Queries** – 1,931

GOOGLE SCHOLAR

Google Scholar provides live citation tracking across numerous compendiums and platforms.

- **Total Citations** – 2,343 (1,775 since 2016)
- **H-Index –** 27
- **I10-Index** – 46

PRESENTED PAPERS

UNIVERSIDAD DE GRANADA "THE CHALLENGE OF GLOBAL CYBERSECURITY"
Presenter, Dec. 1, 2023   Online
- ❖ Presented recent research on proactive cybersecurity and the acts of war exclusion

CYBERSECURITY LAW AND POLICY SCHOLARS CONFERENCE
Oct. 27, 2023   Medford, MA
- ❖ Presented on space-cybersecurity article as part of this gathering of interdisciplinary cybersecurity scholars hosted at Tufts University

THE NATIONAL SECURITY STATE: INSTITUTIONAL CAUSES AND CONSEQUENCES
Apr. 27, 2023   Online
- ❖ Presented research on space resource governance at this interdisciplinary conference organized by the NYU Economics Department

STANFORD SOFTWARE LIABILITY CONFERENCE
Apr. 25, 2023   Online
- ❖ Presented research on defining reasonable cybersecurity as part of a special convening organized by Stanford and the White House

UNIVERSITY OF ARIZONA SCHOOL OF GOVERNMENT AND PUBLIC POLICY
Mar. 1, 2023   Tuscon, Arizona
- ❖ Presented *Governing New Frontiers* in Arizona's speaker series

DUPONT SUMMIT
Feb. 17, 2023   Online
- ❖ Presented *Cybersecurity Carrots and Sticks* with co-authors Janine Hiller and Kathryn Kisska-Schulze

PACIFIC TELECOMMUNICATION COUNCIL 2023
Jan. 17, 2023   Honolulu, HI
- ❖ Moderated a session for emerging scholars and presented research on AI ethics and norms to this gathering of more than 6,000 tech leaders from across the Pacific region

CYBERSECURITY LAW AND POLICY SCHOLARS ASSOCIATION
Presenter, Sept 23, 2022   Minneapolis, MN
- ❖ Presented *Cybersecurity Carrots and Sticks* with co-authors Janine Hiller and Kathryn Kisska-Schulze

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, July 30-31, 2022   Louisville, KY
- ❖ Presented *Taxing Cyber Insecurity* with co-authors Janine Hiller and Kathryn Kisska-Schulze

COMPARING EFFECTS AND RESPONSES TO GDPR AND CCPA/CPRA
Presenter, July 29, 2022   Online
- ❖ Presented "Reasonable Cybersecurity" research and commented on other papers as part of this interdisciplinary convening hosted by Berkeley's Center for Long-Term Cybersecurity

TRANSATLANTIC DIALOGUE ON HUMANITY AND AI REGULATION
Presenter, May 12, 2022   Online
❖ Presented paper on lessons from the war in Ukraine on the drive for cyber peace in this special convening co-hosted by HEC Paris and Virginia Tech

INTERNATIONAL STUDIES ASSOCIATION
Presenter, Mar. 29, 2022   Online
❖ Presented on data governance and polycentricity alongside Professor Angie Raymond focusing on our new book chapter, "Nudging the Ostroms"

RESTORING FAITH IN US ELECTIONS: IMPROVING SECURITY AND EXPANDING ACCESS
Presenter, Oct. 29, 2021   Online
❖ Presented "Defending Democracy" to this interdisciplinary conference comprised of election security experts organized by the University of Southern California Law School

CYBERSECURITY LAW AND POLICY SCHOLARS CONFERENCE
Presenter & Discussant, Oct. 1, 2021   Online
❖ Presented 'Reasonable Cybersecurity' and discussed another cybersecurity paper in this interdisciplinary gathering of leading cybersecurity law and policy scholars hosted by the University of Minnesota Law School

UNIVERSIDAD DE GRANADA "THE CHALLENGE OF GLOBAL CYBERSECURITY"
Presenter, Sept. 17, 2021   Online
❖ Presented recent research on Transatlantic approaches to cybersecurity and Internet governance focusing on the Internet of Things and critical infrastructure protection

EU POLYCENTRICITY DIGITAL DATA GOVERNANCE
Presenter, July 8, 2021   Online
❖ Presented our paper, *Transatlantic Data Governance, Polycentricity, and the Pandemic*, which I co-authored with Angie Raymond at the invitation of the organizers with the goal of drafting a book chapter on the topic

UCLA LAW SCHOOL AI SYMPOSIUM
Presenter, Feb. 27, 2021   Online
❖ Presented our paper, *Should We Trust a Black Box to Safeguard Human Rights? A Comparative Analysis of AI Governance*, which I co-authored with Angie Raymond, Rachel Dockery, and Isak Nti Asare, at the invitation of UCLA

WILLIAM & MARY BILL OF RIGHTS AI SYMPOSIUM
Presenter, Jan. 25, 2021   Online
❖ Presented paper, *Seeking a Safe Harbor in a Widening Sea*, as part of this William and Mary Law School symposium on national security and global data governance

20/20 VISION: BLOCKCHAIN AND THE FUTURE OF TECHNOLOGY
Presenter, Oct. 16, 2020   Online
❖ Presented paper, *Powerhouse: A Comparative Analysis of Blockchain-Enabled Smart Microgrids*, with Prof. Mike Mattioli for this "Journal of Corporation Law" special symposium

CYBER PEACE WORKSHOP
Presenter & Moderator, Nov. 21-22, 2019   New York City, NY

❖ Presented paper, *Inside the Global Drive for Cyber Peace*, along with moderating a panel on shared governance in cyberspace, and co-hosted the overall conference with NYU and Paris VIII Universities

BEIJING FORUM
Presenter, Nov. 3, 2019   Beijing, China
❖ Presented paper, *Governing AI*, as part of the Humanity and Legal Governance in the Digital Era track of the Beijing Forum, which was hosted by Peking University

5TH CHINA WORKSHOP IN INSTITUTIONAL ANALYSIS OF SOCIAL-ECOLOGICAL SYSTEMS
Presenter, Nov. 3, 2019   Hangzhou, China
❖ Presented on the Ostrom Workshop along with my new book, *Governing New Frontiers in the Information Age: Towards Cyber Peace*, as part of this multi-disciplinary workshop on commons governance co-hosted by the Ostrom Society of China and Zhejiang University

NAVIGATING THE BACKLASH AGAINST GLOBAL LAW & INSTITUTIONS
Presenter, Oct. 15, 2019   Bloomington, IN
❖ Presented new book, *Governing New Frontiers in the Information Age: Towards Cyber Peace*, along with my work on cyber peace as part of a conference organized by IU's Hamilton-Lugar School and Australia National University

NORTH AMERICA KEYNOTE, IASC WORLD COMMONS WEEK
Presenter, Oct. 9, 2019   Bloomington, IN
❖ Presented new book, *Governing New Frontiers in the Information Age: Towards Cyber Peace*, as part of the International Association for the Study of the Commons (IASC) World Commons Week

SMART REGIONS: BUILDING A HUMAN-CENTERED KNOWLEDGE COMMONS
Presenter, Oct. 4, 2019   Blacksburgh, Virginia
❖ Presented research on securing smart cities at this co-hosted conference organized by Virginia Tech and the IU Ostrom Workshop

CYBER FUTURE FOUNDATION SUMMIT
Presenter, Oct. 3, 2019   Dallas, TX
❖ Presented cyber peace research to a multi-disciplinary group of academics, practitioners, and activities focused on improving global cybersecurity

UNIVERSITY OF OSLO FACULTY OF LAW SIGNAL SYMPOSIUM
Presenter, Sept. 12, 2019   Oslo, Norway
❖ Presented research on defending democracy, focusing on election security and disinformation, to a multidisciplinary gathering of experts funded by the European Union

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 10, 2019   Montreal, Canada
❖ Presented on cyber peace research virtually as part of a panel focusing on private governance trends across a number of legal fields

WORKSHOP ON THE WORKSHOP
Presenter, June 19, 2019   Bloomington, IN
❖ Presented a new book chapter, "Governing the Internet of Everything," which is forthcoming in a Cambridge University Press edited volume, "Privacy Knowledge Commons"

- ❖ Briefed participants on the Ostrom Workshop Program on Cybersecurity and Internet Governance

U.S. HOUSE OF REPRESENTATIVES MANUFACTURING CAUCUS
Presenter, Mar. 7, 2019   Washington, DC
- ❖ Presented an invited paper to the House Manufacturing Caucus on managing cyber and privacy risks in the Industrial Internet of Things, entitled "Smart Factories, Dumb Policy?"

LOYOLA UNIVERSITY CHICAGO SCHOOL OF LAW
Presenter, Feb. 8, 2019   Chicago, IL
- ❖ Presented research on comparative Internet of Things (IoT) governance to this special symposium hosted by the *Loyola International Law Review*

U.S. CHAMBER OF COMMERCE CYBERSECURITY WORKING GROUP
Presenter, Oct. 24, 2018   Bloomington, IN
- ❖ Presented "Rethinking Active Defense" working draft to the U.S. Chamber of Commerce

TOWARD A POLICY ROADMAP FOR SMART FACTORIES: INFORMATION GOVERNANCE
Presenter, Oct. 19, 2018   Washington, DC
- ❖ Presented an invited paper on managing cyber and privacy risks in the industrial Internet of things, entitled "Smart Factories, Dumb Policy?"

GEORGETOWN UNIVERSITY: CELEBRATING COMMONS SCHOLARSHIP
Presenter, Oct. 5, 2018   Washington, DC
- ❖ Presented material from *Governing New Frontiers in the Information Age: Toward Cyber Peace* with an emphasis on lessons from global commons governance as applied to cyberspace, which is co-sponsored by IASC World Commons Week

FLETCHER SCHOOL OF LAW AND DIPLOMACY
Presenter, Sept. 14, 2018   Medford, MA
- ❖ Presented "Have You Updated Your Toaster? Transatlantic Approaches to Governing the Internet of Everything" with co-author Scott Bradner of Harvard for this conference entitled "Protecting Civilian Institutions and Infrastructure from Cyber Operations: Designing International Law and Organizations," which was hosted by Tufts and published by the *Hastings Law Journal*

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 11, 2018   Portland, OR
- ❖ Presented cybersecurity research virtually in the field of technology and regulation with an emphasis on cybersecurity due diligence and Internet of Things trends

UNIVERSITY OF MINNESOTA LAW SCHOOL CYBERSECURITY SYMPOSIUM
Presenter, Mar. 1, 2018   Minneapolis, MN
- ❖ Invited by the *University of Minnesota Journal of Law, Science and Technology* to write and present "Securing the Internet of Healthcare"

ALBANY LAW SCHOOL CYBERSECURITY SYMPOSIUM
*Presenter***,** Oct. 19, 2017   Albany, NY
- ❖ Presented research on securing the Internet of Things drawn from "When Toasters Attack" article and related Congressional testimony

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE

Presenter, Aug. 10, 2017   Savannah, GA
- ❖ Presented cybersecurity research virtually focusing on how to make U.S. companies harder to hack and the role that government can play in mitigating cyber risk

UNIVERSITY OF ICELAND CYBERWARFARE AND ARTIFICIAL INTELLIGENCE CONFERENCE
Presenter, Aug. 1-3, 2017   Reykjavik, Iceland
- ❖ Presented research on making democracy harder to hack to an invitation-only group of interdisciplinary scholars focused on cyberwarfare, international law, and artificial intelligence

NATO COOPERATIVE CYBER DEFENCE CENTRE OF EXCELLENCE CYCON
Presenter, May 30, 2017   Tallinn, Estonia
- ❖ Presented research on national cybersecurity strategies and how to make critical infrastructure, particularly voting systems, more secure to a group of international policymakers drawn from NATO nations

MUSIC AND PEACE CONFERENCE
Presenter, May 12, 2017   Bloomington, IN
- ❖ Presented cyber peace research focusing on the interdisciplinary nature of cybersecurity risk management and the applicability of music theory to managing cyber attacks

UNIVERSITY OF NEBRASKA LAW SCHOOL
Presenter, Mar. 16, 2017   Lincoln, NE
- ❖ Invited to present *From Russia with Love* at a Nebraska Law School cybersecurity forum focused on critical infrastructure protection

PALM SPRINGS PACIFIC SOUTHWEST ACADEMY OF LEGAL STUDIES IN BUSINESS
Presenter, Feb. 17, 2017   Palm Springs, CA
- ❖ Invited to present *Making Democracy Harder to Hack* to this interdisciplinary gathering of legal studies scholars

UNIVERSITY OF MICHIGAN LAW SCHOOL
Presenter, Feb. 10, 2017   Ann Arbor, MI
- ❖ Invited to present *Human Rights and Cybersecurity Due Diligence: A Comparative Study* as part of a cybersecurity symposium organized by the MICHIGAN JOURNAL OF LAW *Reform*

MAURER SCHOOL OF LAW
Presenter, Feb. 1, 2017   Bloomington, IN
- ❖ Presented critical infrastructure cybersecurity research focusing on election security in Maurer's Faculty Workshop Series

UNIVERSITY OF MARYLAND THIRTEENTH ANNUAL CYBERSECURITY FORUM
Presenter, Jan. 11, 2017   College Park, MD
- ❖ Competitively selected to present *Making Democracy Harder to Hack* for this forum entitled Financial Information Systems and Cybersecurity: A Public Policy Perspective, which brings together academics, policymakers, and defense contractors in the DC area

UNIVERSITY OF NORTH CAROLINA LAW SCHOOL
Presenter, Nov. 4, 2016   Chapel Hill, NC
- ❖ Presented *iGovernance: The Future of Multi-Stakeholder Internet Governance in the Wake of the Apple Encryption Saga* at UNC's symposium on 'Cyberwarfare and International Law'

SECURITY OF THINGS FORUM
Presenter, Oct. 27, 2016   Washington, DC
- ❖ Presented two papers—*When Toasters Attack* and *How to Make Democracy Harder to Hack*—at this leading industry forum organized by the *Christian Science Monitor* that regularly brings together thought leaders around Internet of Things security issues

U.S. NAVAL ACADEMY CYBERSECURITY CONFERENCE
Presenter, Oct. 18, 2016   Annapolis, MD
- ❖ Presented research on cybersecurity due diligence and the NIST Cybersecurity Framework at an invitation-only gathering entitled *Developing a Normative Framework for Cyberwarfare*, which was comprised of cybersecurity experts from philosophy, ethics, law, and technology

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8, 2016   San Juan, Puerto Rico
- ❖ Presented *Collective Action and the Future of Socially Responsible Corporate Law: Unpacking the Rise of Benefit Corporations* with co-author Virginia Tech Professor Janine Hiller

PREVENTING AND COMBATING CYBERCRIME
Presenter, May 20-21, 2016   Cluj-Napoca, Romania
- ❖ Invited to participate in this cybersecurity conference co-sponsored by the U.S. Secret Service; Faculty of Law, Babes-Bolyai University; the the Embassy of the Kingdom of the Netherlands in Romania; the Romanian Data Protection Authority; and Western Union
- ❖ Presented research on the spread of bottoms-up cybersecurity governance focusing on the EU

BUSINESS HORIZONS PEACE FORUM
Presenter, May 2016   Bloomington, IN
- ❖ Invited to present "Businesses and Cyber Peace: We Need You!" as part of an online conference forum by Professor Timothy Fort as part of a special edition of *Business Horizons* focused on businesses and peacebuilding

CYBERSECURITY FORUM FOR INDEPENDENT AND EXECUTIVE BRANCH REGULATORS
Presenter, Apr. 21, 2016   Washington, DC
- ❖ Invited to present paper investigating the utility of bottoms-up cybersecurity governance in addressing the cyber risk faced by executive branch agencies to a multi-stakeholder gathering that included representatives from the Securities and Exchange Commission, Comptroller of the Currency, and the Department of Commerce, among other agencies

NATIONAL INSTITUTE FOR DEVELOPMENT ADMINISTRATION (NIDA)
Presenter, Mar. 31, 2016   Bangkok, Thailand
- ❖ Member of official IU delegation that included President Michael McRobbie celebrating the 50th anniversary of NIDA, a leading university in Thailand, which IU helped to start in 1966
- ❖ Invited to present "Sustainable Cybersecurity" on applying lessons from the sustainability movement to mitigating cyber risk

ZICKLIN CENTER NORMATIVE BUSINESS ETHICS WORKSHOP, WHARTON SCHOOL, UNIVERSITY OF PENNSYLVANIA
Presenter, Feb. 5, 2016   Philadelphia, PA
- ❖ Invited to present a paper on applying notions from normative ethics and corporate social responsibility to the problem of managing cyber attacks

CHAPMAN UNIVERSITY SCHOOL OF LAW
Presenter, Jan. 29, 2016   Orange, CA
❖ Invited to present a paper on protecting intellectual property and privacy in the digital age for this *Chapman Law Review* Symposium

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8-10, 2015   Philadelphia, PA
❖ Presented *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables* with co-author Anjanette Raymond
❖ Presented the winner of the ALSB Bunche Award that recognizes exceptional unpublished original legal research in the area of international business law at the conference banquet

COLLOQUIUM ON LEGAL AND ETHICAL DIMENSIONS OF PREDICTIVE DATA ANALYSIS
Author & Participant, Apr. 17-18, 2015   Bloomington, IN
❖ Participated in discussions, and our paper *The Little Angel on Your Shoulder: Prompting Employees to Do the Right Thing Through the Use of Wearables*—with co-authors Professors Anjanette Raymond and Timothy Fort—was presented to this leading, interdisciplinary group of predictive analytics experts

CASE WESTERN LAW SCHOOL 2015 CANADA-UNITED STATES LAW INSTITUTE CONFERENCE: THE DIGITAL BORDER
Presenter, Mar. 19-20, 2015   Cleveland, OH
❖ Invited to draft and present a paper on securing North American critical infrastructure focused on the 2014 NIST Cybersecurity Framework, which will appear in the *US-Canada Law Journal*

FLORIDA INTERNATIONAL UNIVERSITY LAW SCHOOL AVIATION AND SPACE LAW SYMPOSIUM
Presenter, Feb. 20, 2015   Miami, FL
❖ Invited by the *Florida International University Law Review* to develop a paper on cybersecurity in the aerospace sector and present it at this symposium

UNIVERSITY OF MINNESOTA LAW SCHOOL CYBERSECURITY SYMPOSIUM
Presenter, Feb. 10, 2015   Minneapolis, MN
❖ Invited by the *University of Minnesota Journal of International Law* to present two papers on cyber risk insurance and the intersection between free trade and Internet governance at the symposium, "International Law and the Internet: Data Security, Privacy, and Freedom of Speech"

UNIVERSITY OF MARYLAND ELEVENTH ANNUAL CYBERSECURITY FORUM
Presenter, Jan. 14, 2015   College Park, MD
❖ Competitively selected to present cyber risk mitigation research for this forum entitled Financial Information Systems and Cybersecurity: A Public Policy Perspective, which brings together academics, policymakers, and defense contractors in the DC area

NATO CYBERSECURITY CONFERENCE
Presenter, Dec. 17-18, 2014   Tallinn, Estonia
❖ Invited to present at NATO conference focusing on the economics of national cybersecurity strategies including an analysis of the benefits and drawbacks of cyber risk insurance

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 7, 2014   Seattle, WA

- ❖ Presented *Sustainable Cybersecurity,* co-authored with Professors Jamie Prenkert and Tim Fort
- ❖ Presented *Jury Glasses: Wearable Technology and its Role in Crowdsourcing Justice* with co-author Professor Anjanette Raymond

INTANGIBLE WEAPONS AND INVISIBLE ENEMIES: APPLYING INTERNATIONAL LAW TO CYBER WARFARE, TEXAS INTERNATIONAL LAW JOURNAL'S SYMPOSIUM
Presenter, Mar. 6-7, 2014   Austin, TX
- ❖ Invited to present cybersecutiy research and contribute a symposium paper on developing a law of cyber war and peace at this gathering of leading international cyber law scholars

PACIFIC SOUTHWEST ACADEMY OF LEGAL STUDIES IN BUSINESS MEETING
Presenter, Feb. 14-15, 2014   Palm Springs, CA
- ❖ Presented a paper on the role of the private sector in promoting cyber peace at this regional ALSB conference

2014 HUBER HURST RESEARCH IN LEGAL STUDIES AND ETHICS SEMINAR
Presenter, Feb. 8-9, 2014   Gainesville, FL
- ❖ Competitively selected to present a work-in-progress paper on the role of the private sector in enhancing cybersecurity at this intercollegiate gathering of leading business law scholars

BIG TEN AND FRIENDS BUSINESS LAW RESEARCH SEMINAR
Presenter, Nov. 15-16, 2013   Indianapolis, IN
- ❖ Invited to present a work-in-progress paper entitled *How Businesses Can Promote Cyber Peace* at this intercollegiate gathering of business law and ethics experts

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Presenter, Aug. 8, 2013   Boston, MA
- ❖ Presented paper entitled *Governing the Final Frontier: A Polycentric Approach to Managing Space Weaponization and Debris*, which was published by the *American Business Law Journal* and won the 2013 ALSB Outstanding Proceedings Paper Award

THE VIRTUAL BATTLEFIELD: SECURING CYBERSPACE IN A WORLD WITHOUT BORDERS
Invited Speaker & Chair, Apr. 11-12, 2013   Stanford, CA
- ❖ Advised *Stanford Journal of International Law* staff on symposium topics and organization
- ❖ Introduced Keynote Speaker, Dr. Hamadoun Touré, Secretary General of the International Telecommunication Union
- ❖ Panelist on "Unpacking the Cyber Threat" presenting research on the evolving cyber threat
- ❖ Chaired panel entitled "The Promise and Pitfalls of Multilateral Cooperation for Cybersecurity" featuring Dr. Touré, Howard Schmidt (former cybersecurity coordinator for the Obama Administration), and Prof. Xiao Qiang of UC Berkeley

SWEDISH NATIONAL DEFENSE COLLEGE, INTERNATIONAL LAW CENTER
Presenter, Dec. 6-7, 2012   Stockholm, Sweden
- ❖ Invited to present on the practice and potential of state-sponsored cyber attacks under international law as part of a special symposium on the legal aspects of cyber warfare

SOUTHEAST ACADEMY OF LEGAL STUDIES IN BUSINESS
Presenter, Nov. 9, 2012   Miami, FL
- ❖ Presented research published in the *American University Law Review* on enhancing cybersecurity through polycentric governance

AMERICA THE VIRTUAL: SECURITY, PRIVACY AND INTEROPERABILITY IN AN INTERCONNECTED WORLD
Invited Faculty Participant, Oct. 25, 2012   Washington, D.C.
❖ Invited to participate in one-day conference on issues in cybersecurity focusing on the U.S. regulatory landscape organized by the *American University Law Review* and hosted by Hogan Lovells LLP

AMERICAN BUSINESS LAW JOURNAL INVITED SCHOLARS COLLOQUIUM
Presenter, Aug. 11, 2011   New Orleans, LA
❖ Competitively selected to present a paper on the role of property rights in economic development with a panel of imminent business law scholars

CENTER FOR APPLIED CYBERSECURITY RESEARCH HIGHER EDUCATION SUMMIT
Presenter, Apr. 12, 2011   Indianapolis, IN
❖ Invited to speak at this flagship meeting of over 150 cybersecurity professionals on the topic of catching cyber criminals and exploring ways to promote cyber peace

ROCKY MOUNTAIN ACADEMY OF LEGAL STUDIES IN BUSINESS CONFERENCE
Presenter, Oct. 8-9, 2010   Vail, CO
❖ Presented revised paper on liability for cyber attacks

NATO CCDCOE CONFERENCE ON CYBER CONFLICT
Presenter, June 15-18, 2010   Tallinn, Estonia
❖ Presented on the difficulties of defining liability for cyber attacks under international law

58TH INTERNATIONAL ASTRONAUTICAL CONGRESS
Presenter, Oct. 7-14, 2007   Hyderabad, India
❖ Invited to present a paper on Asian space cooperation and conflict entitled *From Asian Politics to Astropolitics: The History and Future Shape of Asian Space Policy*, which was selected for expansion in the journal *Space Policy*

SPACE EXPLORATION CONFERENCE
Presenter, Apr. 6-10, 2005   Albuquerque, NM
❖ Invited to prevent senior honors thesis on the NASA Vision for Space Exploration entitled *Go or No Go: The Future of Manned Space Flight*; participation paid for by the Indiana Space Grant Consortium

OTHER CONFERENCE PARTICIPATION

WILLIAM & MARY GENERATIVE AI CONFERENCE
Panelist, Feb. 9, 2024   Williamsburg, VA
❖ Participated in a panel discussion on generative AI

BIG DATA CONFERENCE
Discussant, Feb. 8, 2024   Williamsburg, VA
❖ Discussed a panel on AI and anti-bribery statutes

NATIONAL SCIENCE FOUNDATION CYBERCORPS ANNUAL MEETING
Participant, Jan. 9, 2024   Washington, DC
❖ Participated in NSF events associated with CyberCorps program

CYBER PUBLIC HEALTH WORKSHOP
Participant, Jan. 9, 2024   New York, NY

❖ Participate in cyber public health working group meeting co-sponsored by Google

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC) GLOBAL CONFERENCE
Discussant, June 20-23, 2023   Nairobi, Kenya
❖ Participated in a roundtable discussion of the Ostrom Workshop and IASC

OUTER SPACE CYBERSECURITY
Discussant, Mar. 30-31, 2023   Palo Alto, CA
❖ Participated in a roundtable discussion of outer space cybersecurity hosted by Stanford and Cal Poly

WILLIAM + FLORA HEWLETT FOUNDATION GRANTEE CONFERENCE
Grantee & Discussant, Nov. 10-11, 2022   Los Angeles, CA
❖ Represented Indiana University in discussing our new Cybersecurity Clinic, which is being funded by Hewlett, along with introducing the Ostrom Workshop and CACR

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC) SPACE COMMONS CONFERENCE
Moderator, Nov. 2, 2022   Online
❖ Moderated a panel on Earth orbital use, including sustainability and security

THE EVOLVING FACE OF CYBER CONFLICT AND INTERNATIONAL LAW: A FUTURESPECTIVE
Panelist, June 16, 2022   Online
❖ Served as a panelist discussing the cybersecurity due diligence norm in international law

NATO CCDCOE CYCON
Faculty Lead, June 1-5, 2022   Tallinn, Estonia
❖ Led a trip of faculty from several universities and community colleges, along with IU students from several different academic programs including Cybersecurity Risk Management, on this multi-day international study trip

CONTEMPORARY CHALLENGES IN RUSSIA AND EASTERN EUROPE
Presenter, Apr. 13, 2022   Online
❖ Presented on Russian approaches to information warfare and cyberwarfare, along with proactive steps to protect critical infrastructure providers from cyber attacks

STATEWIDE IT SUMMIT
Presenter, Apr. 12, 2022   Bloomington, IN
❖ Moderated a special session of CIOs drawn from Indiana institutions of higher education

TUFTS UNIVERSITY FLETCHER SCHOOL CYBERSECURITY CONFERENCE
Presenter, Mar. 11, 2022   Online
❖ Invited to critique a student paper on medical devices cybersecurity

CYBER FUTURE SOCIETY ANNUAL SUMMIT
Presenter, Oct. 29, 2021   Online
❖ Presented on my cyber peace research and outreach efforts

NATIONAL SCIENCE FOUNDATION CYBERSECURITY SUMMIT
Panelist, Oct. 13, 2021   Online
❖ Presented alongside REN-ISAC Executive Director Kim Milford about collaborative cybersecurity educational opportunities

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC)

Panelist, Oct. 11, 2021   Online

❖ Presented on the past and future of collaborative opportunities between the Ostrom Workshop and IASC communities

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE

Invited Speaker, Aug. 5, 2021   Online

❖ Presented on best practices for interdisciplinary research with insights from my experience from the Ostrom Workshop and the IU Cybersecurity Risk Management Program

BLACKHAT

Presenter, Aug. 4, 2021   Las Vegas, NV

❖ Competitively selected to present alongside former NTSB Chris Hart about standing up a National Cybersecurity Safety Board to this leading global gathering of cybersecurity experts

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE

Presenter, Aug. 2, 2021   Online

❖ Presented paper, *Should We Trust a Black Box to Safeguard Human Rights?*, along with my co-authors in a special session dedicated to AI governance

ADDRESSING COMMUNITY CHALLENGES: LAW, PUBLIC HEALTH, EDUCATION, AND COMMUNICATIONS

Presenter, July 21, 2021   Online

❖ Presented on cyber peace and civic engagement work to Mandela Fellows program, which focuses on supporting Africa's future leaders

AMERICAN BAR ASSOCIATION (ABA) DISPUTE RESOLUTION TECH EXPO

Presenter, July 14, 2021   Online

❖ Presented alongside Megan Wade on the ransomware epidemic and how to use various negotiation strategies, and ethical traditions, to help advise victim firms

SECUREWORLD VIRTUAL CONFERENCE

Presenter, June 10, 2021   Online

❖ Presented alongside former NTSB Chairman Chris Hart on the NTSB investigatory process and its utility for managing cyber threats to critical infrastructure including by forming a National Cybersecurity Safety Board, focusing on the new Cyber Safety Review Board

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC) POLYCENTRICITY Conference

Moderator, May 18, 2021   Online

❖ Moderated a panel on applying polycentric governance across the frontiers focusing on space, climate, education, and public health

CYBERSECURITY LAW & POLICY SCHOLARS WORKSHOP

Commentator, May 13, 2021

❖ Invited to comment on Deborah Housen-Couriel's paper focusing on information sharing to combat cyber threats

SECUREWORLD VIRTUAL CONFERENCE

Presenter, Apr. 22, 2021   Online

❖ Presented alongside former NTSB Chairman Chris Hart on the NTSB investigatory process and its utility for managing cyber threats to critical infrastructure including by forming a National Cybersecurity Safety Board

HARVARD KENNEDY SCHOOL CYBERSECURITY ROUNDTABLE
Moderator, Mar. 25, 2021   Online
❖ Moderated a session featuring former NTSB Chairman Chris Hart on the NTSB investigatory process and its utility for managing cyber threats to critical infrastructure

GLOBALIZATION AND TECHNOLOGY: THE FOURTH INDUSTRIAL REVOLUTION
Presenter, Mar. 12, 2021   Online
❖ Presented on 'Technocapitalism and its Discontents' for this virtual conference open to faculty members from across the nation

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC) SPACE COMMONS CONFERENCE
Presenter & Moderator, Feb. 26, 2021   Online
❖ Moderated a panel on benefit sharing in space along with recording a presentation on my own related research

HOOVER INSTITUTION DOD-ACADEMIC ENGAGEMENT ON CYBER POLICY
Participant, Feb. 25, 2021   Online
❖ Participated in this roundtable discussion on ways for universities to deepen ties with the U.S. Department of Defense and promote interdisciplinary cybersecurity education

ASPEN INSTITUTE ROUNDTABLE ON DIVERSITY, EQUITY, AND INCLUSION
Participant, Feb. 16, 2021   Online
❖ Participated in this roundtable discussion on ways to promote diversity in cybersecurity education

MITRE CORPORATION IOT ROUNDTABLE
Participant, Jan. 22, 2021   Online
❖ Participated in this roundtable discussion about IoT privacy and security initiatives during the Biden administration

COVID-19: REFLECTIONS ON PRIVACY AND RESILIENCE IN A WORLD OF EASY DATA
Presenter, Nov. 9, 2020   Online
❖ Participated in this roundtable discussion about the impact of the COVID-19 pandemic particularly on cybersecurity and privacy

CYBER FUTURE SOCIETY ANNUAL SUMMIT
Moderator, Oct. 29, 2020   Online
❖ Moderated a discussion on cyber peace featuring former ICANN CEO Rod Beckstrom, former US Cyber Diplomat Chris Painter, and VP at Reliance Industries Durga Prasad Dube

WHITE HOUSE CYBER MOONSHOT
Participant, Oct. 5-6, 2020   Online
❖ Discussed best practices in cybersecurity education from K-12 through the Ph.D. level

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Moderator, Aug. 16, 2020   Online
❖ Moderated session on emerging issues in technology law

THE BUILDING BLOCKS OF WEB 3.0
Participant, Mar. 5, 2020   Boston, MA
❖ Invited to attend expert roundtable discussion on the future of Internet governance hosted at Harvard Law School

WILLIAM + FLORA HEWLETT FOUNDATION GRANTEE CONFERENCE: THE GLOBAL NATURE OF CYBERSECURITY IN A CHANGING WORLD
Grantee & Discussant, June 21, 2019   La Jolla, CA
❖ Represented Indiana University in discussing our new Cybersecurity Clinic, which is being funded by Hewlett, and participated in discussions on the geopolitics of cybersecurity

SUMMIT ON THE ACADEMIC PROFESSION OF BUSINESS LAW
Discussant, May 30, 2019   Storrs, CT
❖ Presented on the utility and challenges of multidisciplinary research in the business law context to this gathering organized by the University of Connecticut

CONSUMER FINANCIAL DATA: REGULATORY ISSUES, CHALLENGES, AND SOLUTIONS OSTROM WORKSHOP ROUNDTABLE
Discussant, Apr. 4, 2019   Washington, DC
❖ Co-hosted this roundtable discussion on the regulatory environment and future of consumer data privacy and security with Seward & Kissel

WORKSHOP ON BUILDING A TRANSNATIONAL CYBER-ATTRIBUTION INSTITUTION
Discussant, Mar. 23, 2019   Toronto, Canada
❖ Participated in an invitation-only multi-disciplinary workshop organized by the University of Toronto and Georgia Tech on attributing state-sponsored cyber attacks

THE CORPORATE DILEMMA: BALANCING SOCIAL RESPONSIBILITY AND PROFITABILITY ACROSS BORDERS
Presenter, Feb. 19, 2019   Charlottesville, VA
❖ Presented research on cybersecurity, corporate governance, and social responsibility in the Digital Age as part of this conference hosted by the *Virginia Journal of International Law*

UN SECURITY COUNCIL ASIA ICT AND CT DIALOGUE
Invited Academic Expert, Nov. 7-8, 2018   Kuala Lumpur, Malaysia
❖ Invited academic expert by the UN Security Council staff to help inform the deliberations of Southeast Asian nations on the topics of counterterrorism and critical infrastructure protection

PRIVACY AS KNOWLEDGE COMMONS GOVERNANCE AT VILLANOVA UNIVERSITY
Presenter, Oct. 12-13, 2018   Villanova, PA
❖ Invitation-only workshop exploring complementarities between the study of privacy and the institutional analysis of knowledge sharing and production

SMART CITIES: SECURITY, PRIVACY, AND GOVERNANCE BEST PRACTICES
Presenter, Oct. 4, 2018   Bloomington, IN
❖ Presented research on governing the Internet of Everything with a focus on municipalities

BUILDING COMMON APPROACHES FOR CYBERSECURITY AND PRIVACY IN A GLOBALIZED WORLD
Presenter, Oct. 2, 2018   New York, NY

❖ Presented research on cybersecurity due diligence as it pertains to the European Union's General Data Protection Regulation (GDPR)

INDY BIG DATA
Presenter, Sept. 26, 2018   Indianapolis, IN
❖ Presented research on global IoT security highlighting relevant Ostrom Workshop initiatives

BUSINESS FIGHTS POVERTY
Panelist, July 20, 2018   Bloomington, IN
❖ Participated in an online discussion of how cultural forces, particularly music, can foster peace across an array of contexts including cybersecurity

GLOBAL CYBER THREATS: CORPORATE AND GOVERNMENTAL CHALLENGES TO PROTECTING PRIVATE DATA
Discussant, Apr. 6, 2018   New York, NY
❖ Invitation-only cybersecurity forum sponsored by the New York University School of Law on the mitigation of global cyber threats

CONSUMER RIGHTS IN THE DIGITAL AGE
Panelist, Mar. 26, 2018   Bloomington, IN
❖ Presented cybersecurity best practices in relation to the Equifax data breach

COUNCIL ON FOREIGN RELATIONS: THE UNITED STATES AND THE WORLD
Participant, Oct. 16, 2017   Washington, DC
❖ Participated in discussions regarding the future of bilateral, regional, and multilateral trade agreements given Trump Administration actions on NAFTA and the Trans Pacific Partnership (TPP)

DC CYBER WEEK
Participant, Oct. 16, 2017   Washington, DC
❖ Participated in cybersecurity simulations and discussions organized by Cyber Scoop

CRISIS CODE: HUMANITARIAN PROTECTION IN THE DIGITAL AGE
Invited Expert, Sept. 27, 2017   San Francisco, CA
❖ Participated in an interdisciplinary gathering co-sponsored by the Swiss Consulate and Policy Lab comprised of humanitarian practitioners and scholars to discuss cybersecurity and privacy rights in the digital age

SECURING CYBER SPACE CONCLAVE 2017
Speaker, July 14, 2017   New Delhi, India
❖ Invited to be the first speaker on the topic of cyber peace at the Global Conference on Cyber Space 2017 conference, which was co-hosted by the Government of India, the Policy Perspective Foundation, and the Cyber Peace Foundation

NOTRE DAME CONFERENCE ON DATA SECURITY
Speaker, Feb. 24, 2017   South Bend, IN
❖ Invited to present cybersecurity research at this interdisciplinary event co-sponsored by Notre Dame Law School, the Notre Office of Digital Learning, and the Reilly Center for Science, Technology, and Values

HARVARD LAW SCHOOL BERKMAN-KLEIN CENTER
Speaker & Panelist, Oct. 24, 2016   Cambridge, MA

❖ Presented on cybersecurity best practices for executives as part of Harvard Law School's Program on Digital Security for Directors and Senior Executives

BUSINESS FIGHTS POVERTY
Speaker, Oct. 19, 2016   Cambridge, MA
❖ Gave an online presentation and answered questions from participants based on my *Business Horizons* article, "Business and Cyber Peace: We Need You!" at the invitation of Business Fights Poverty and Professor Timothy L. Fort

CAMBRIDGE CYBER SUMMIT
Participant, Oct. 5, 2016   Cambridge, MA
❖ Invited to represent the Belfer Center at this multi-stakeholder gathering of cybersecurity professionals and media representatives organized by the Aspen Institute and CNBC

COUNCIL ON FOREIGN RELATIONS NORTH KOREA ROUNDTABLE
Participant, Sept. 28, 2016   Cambridge, MA
❖ Invited to participate in a roundtable discussion marking the release of a new Council report on North Korea strategy for the next administration

NATIONAL INSTITUTE OF JUSTICE (NIJ)
Expert Participant, May 31-June 1, 2016   Washington, DC
❖ Invited by the NIJ and RTI International to participate in an expert panel co-sponsored by the RAND Corporation on the potential impact of technology to enhance or inhibit due process rights

COUNCIL ON FOREIGN RELATIONS ACADEMIC OUTREACH INITIATIVE
Participant, Apr. 14-15, 2016   New York, NY
❖ Invited to participate in a gathering of international security professors organized by the Council on Foreign Relations to share pedagogical best practices

IU LIFE SCIENCES DAY
Co-organizer & **Participant**, Apr. 8, 2016   Bloomington, IN
❖ Helped organize an IU Life Sciences event focusing on cybersecurity in the medical device industry including lining up the keynote speaker and helping to identify potential panelists

NATIONAL INSTITUTE FOR STANDARDS AND TECHNOLOGY (NIST)
Presenter & Moderator, Apr. 6, 2016   Washington, D.C.
❖ Invited to present "Bottoms Up: A Comparison of 'Voluntary' Cybersecurity Frameworks" to a gathering of more than 1,000 stakeholders from industry, academic, and government
❖ Chaired a panel of leading experts from Japan, Italy, and Microsoft focused on the international implications of the 2014 NIST Cybersecurity Framework

CYBERSECURITY AND CHANGING NOTIONS OF POWER
Moderator, Jan. 20, 2016   Bloomington, IN
❖ Invited to moderate a discussion led by Vice President Fred Cate on how cybersecurity is reshaping international law and relations as part of the Center for the Study of Global Change *Global Positioning Series*

FIRST WEDNESDAYS: THE NOT-SO-PRIVATE LIVES OF HOOSIERS
Invited Faculty Expert, Dec. 2, 2015   Bloomington, IN

- ❖ Invited to participate as an expert academic in this roundtable discussion on "The Not-So-Private Lives of Hoosiers: How Technology is Threatening our Privacy," which was co-organized by the American Civil Liberties Union and the *Herald Times*

SWP CYBERLAB, EUROPEAN PARLIAMENT
Invited Faculty Expert, Nov. 18, 2015   Brussels, Belgium
- ❖ Invited by the Permanent Representative of the Federal Republic of Germany to the European Union to prepare and present an academic input statement based on my cybersecurity due diligence research to a multi-stakeholder gathering of Members of the European Parliament, along with industry, NATO, and governmental representatives

XV GLOBAL BIENNIAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR THE STUDY OF COMMONS
Award Winner & Participant, May 28-30, 2015   Edmonton, Canada
- ❖ Invited to participate in this global IASC conference comprised of more than 300 experts on commons governance as a winner of the 2015 Elinor Ostrom Award for Collective Governance of Common Resources

ROUNDTABLE WITH CALIFORNIA LT. GOVERNOR GAVIN NEWSOM
Participant, Nov. 17, 2014   Stanford, CA
- ❖ Invited to participate in this Hoover Institution's Leadership Forum focusing on catalyzing a dialogue between academics and state and federal policymakers, in this case with Lt. Governor Newsom in the realm of cybersecurity law and policy

COAST GUARD ROUNDTABLE DISCUSSION
Participant, Nov. 5, 2014   Stanford, CA
- ❖ Invited to participate in VADM Peter Neffenger, Vice Commandant of the Coast Guard' discussion on the Coast Guard's "Big Four" strategic themes: Energy, Climate Change Adaptation (Arctic Policy), Cyber, and Western Hemisphere Strategy

COUNCIL ON FOREIGN RELATIONS SEMINAR
Participant, Oct. 21, 2014   San Francisco, CA
- ❖ Invited to participate in "The Preventive Imperative: How America Can Avoid War and Stay Strong in the 21st Century" discussion led by John W. Vessey, senior fellow for conflict prevention and director of the Center for Preventive Action

COUNCIL ON FOREIGN RELATIONS SEMINAR
Participant, Sept. 11, 2014   San Francisco, CA
- ❖ Invited to participate in special CFR seminar discussing an independent task force's report on Non-communicable Diseases

CENTER FOR APPLIED CYBERSECURITY RESEARCH CYBERSECURITY SUMMIT
Participant, June 19, 2014   Indianapolis, IN
- ❖ Participated in discussions of this flagship meeting of over 150 cybersecurity professionals on the topic of determining the identity of cyber criminals and ways to promote cyber peace
- ❖ Worked with Professor David Delaney to craft themes and find guests

CYBERPOLITIK IN THE POST-COMMUNIST ERA: THE INTERNATIONAL POLITICS OF THE INTERNET, CYBERSPACE, AND CYBERSECURITY
Co-convenor & Moderator, Apr. 4, 2014   Bloomington, IN

❖ Invited to co-convene an expert gathering of cybersecurity specialists on behalf of the Russian and East European Institute

CYBER SECURITY & THE GOVERNANCE GAP: COMPLEXITY, CONTENTION, COOPERATION
Invited Faculty Participant, Jan. 7, 2014   Cambridge, MA
❖ Invited to participate in joint Harvard-MIT workshop on cybersecurity law and policy and its interplay with Internet governance

TENTH FORUM ON "FINANCIAL INFORMATION SYSTEMS AND CYBERSECURITY: A PUBLIC POLICY PERSPECTIVE"
Invited Faculty Participant, Jan. 8, 2014   College Park, MD
❖ Invited to participate in public-private workshop focusing on issues related to President Obama's February 12, 2013 Executive Order on "Improving Critical Infrastructure Cybersecurity"

NOTRE DAME AND BYU: LEADING THE WAY IN ETHICS EDUCATION CONFERENCE
Participant, Nov. 22, 2013   Notre Dame, IN
❖ Invited to attend sessions from practitioners and ethics scholars on increasing coverage of ethics throughout the curriculum and strategies for engaging students with ethical problems

NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY THIRD CYBERSECURITY FRAMEWORK WORKSHOP
Participant, July 10-12, 2013   San Diego, CA
❖ Participated in this workshop focusing on the creation of a cybersecurity framework for firms operating critical national infrastructure as required by Executive Order 13636, focusing remarks on the international dimension of this initiative

CYBER SECURITY AFTER STUXNET, A WORKSHOP ON LAW, POLICY, & TECHNOLOGY
Invited Faculty Participant, Feb. 22, 2013   Notre Dame, IN
❖ Invited to speak and participate in this workshop hosted by the University of Notre Dame Law School focusing on developments in cybersecurity law and policy, including the potential for a cyber weapons treaty and its impact on business and society

NINTH ANNUAL FORUM ON FINANCIAL INFORMATION SYSTEMS AND CYBERSECURITY: A PUBLIC POLICY PERSPECTIVE
Invited Faculty Participant, Jan. 16, 2013   College Park, MD
❖ Invited to participate in an interdisciplinary discussion of information security risk mitigation and its public policy implications

INTERNATIONAL STUDIES ASSOCIATION ANNUAL CONFERENCE
Chair, Apr. 1-4, 2012   San Diego, CA
❖ Chaired panel on challenges to governments from near and afar at the largest international relations conference in the world
❖ Paper on developments in cybersecurity law and policy competitively selected for "Not Your Dad's Globalization: Technology and Illicit Networks" panel

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Moderator, Aug. 10-13, 2011   New Orleans, LA
❖ Moderated session on corporate governance, attended presentations, and presented research

PACIFIC SOUTH WEST ACADEMY OF LEGAL STUDIES IN BUSINESS MEETING
Participant, Feb. 18-20, 2011   Palm Springs, CA

❖ Attended the regional conference, including participation in the Master Teacher symposium as well as academic presentations

TRI-STATE ACADEMY OF LEGAL STUDIES IN BUSINESS MEETING
Participant, Oct. 22, 2010   Bloomington, IN
❖ Attended the ALSB tri-state conference at Indiana University, including participation in the Master Teacher symposium as well as academic panels

ACADEMY OF LEGAL STUDIES IN BUSINESS NATIONAL CONFERENCE
Participant, Aug. 4-8, 2010   Richmond, VA
❖ Participated in academic presentations across a range of disciplines as well as the new faculty workshop

INTERNATIONAL INSTITUTE FOR STRATEGIC STUDIES WORKSHOP ON CYBERWARFARE
Participant, Apr. 20, 2010   London, England
❖ Invited to participate in roundtable discussion with leading government and industry representatives about outstanding issues in cybersecurity including the current form and future of cyberwarfare

UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE
Student Observer, Dec. 7-18, 2009   Copenhagen, Denmark
❖ Attended the conference with Stanford professors as part of doctoral research
❖ Covered event for *Stanford Magazine*

UNITED NATIONS COMMITTEE FOR THE PEACEFUL USES OF OUTER SPACE (COPUOS)
Researcher, May 12-20, 2006   Vienna, Austria
❖ Attended COPUOS meeting to interview UN staff, as well as the UK, and U.S. delegations on space weaponization and development for doctoral dissertation

INTERNATIONAL SPACE UNIVERSITY
Participant, Dec. 9-13, 2005   Strasbourg, France
❖ Awarded Cambridge European Trust scholarship to interview space policymakers and academics for doctoral dissertation

INTERNATIONAL YOUTH LEADERSHIP CONFERENCE
Participant, Dec. 12-17, 2004   Prague, Czech Republic
❖ Indiana University's representative at this conference focusing on Bosnian war crime trials and nuclear power in Europe

VISITING SCHOLAR

❖ Luiss University (June-July 2023)
❖ Harvard University Kennedy School of Government (Sept. 2016-Feb. 2017)
❖ Stanford Law School (Aug. 2014 – June 2015)
❖ National Institute for Development Administration (NIDA) in Bangkok, Thailand (June 2016)
❖ Australian National University (Aug. 2011)

INVITED TALKS

INTERNATIONAL ASSOCIATION FOR THE STUDY OF THE COMMONS (IASC) SPACE COMMONS CONFERENCE

Discussant, Nov. 15-17, 2023   Online
❖ Participated in a panel discussion on global commons governance focusing on space and cyberspace

GEORGE WASHINGTON UNIVERSITY SOFTWARE LIABILITY CONFERENCE
Nov. 13, 2023   Online
❖ Discussed draft of *Lawfare* paper exploring lessons from CACR on crafting a software safe harbor regime

FOURTH INTERNATIONAL SCIENTIFIC CONFERENCE ON ECONOMIC AND BUSINESS TRENDS SHAPING THE FUTURE
Nov. 11, 2023   Skopje, N. Macedonia
❖ Delivered keynote on cybersecurity and AI governance trends impacting global business to a gathering of 70+ business school Deans and leaders from across Europe

CENTRA6 CONFERENCE KEYNOTE
Sept. 15, 2023   Indianapolis, IN
❖ Gave a conference closing keynote presentation on cybersecurity and AI governance

GLOBAL CYBER PEACE SUMMIT
Sept. 1, 2023   Online
❖ Presented on the role of Internet governance in cyber peace

LUISS UNIVERSITY CYBERSECURITY & AI SUMMER SCHOOL
July 11, 2023   Rome, Italy
❖ Presented on cybersecurity and AI

LUISS UNIVERSITY DOCTORAL SEMINAR
July 4, 2023   Rome, Italy
❖ Presented on defending democracy in the digital age

IU MINI UNIVERSITY
June 12, 2023   Bloomington, IN
❖ Presented at IU Mini University on the cybersecurity and cyber peace in an unstable world

HAGUE PROGRAM ON INTERNATIONAL CYBER SECURITY
Dec. 8, 2022   Online
❖ Presented on my 2020 book, *Governing New Frontiers in the Information Age*

HURLOW WEALTH MANAGEMENT
Nov. 3, 2022   Online
❖ Presented on securing personal devices and data to investment group at the invitation of Hurlow Wealth Management

I-LIGHT & GIGAPOP KEYNOTE
Sept. 22, 2022   Indianapolis, IN
❖ Presented a cybersecurity themed keynote address to this conference of network engineers

HOOSIER HILLS ESTATE COUNCIL
Sept. 22, 2022   Nashville, IN
❖ Presented on securing personal devices and data to investment group at the invitation of Hurlow Wealth Management

NATIONAL UNIVERSITY OF SINGAPORE
June 13, 2022   Online
❖ Presented in Emerging Technologies and Public Policy class on cybersecurity and cyber peace in an unstable world

IU MINI UNIVERSITY
June 13, 2022   Bloomington, IN
❖ Presented at IU Mini University on the Internet of Things

TALLINN WORKSHOP ON THE APPLICABILITY OF INTERNATIONAL LAW TO CYBER OPERATIONS
June 6-7, 2022   Online
❖ Presented on the law and policy of attributing cyber attacks to a delegation of legal and policy officials from across a wide range of NATO nations

TIFFIN UNIVERSITY PH.D. RESIDENCY PROGRAM
Mar. 5, 2022   Online
❖ Presented a keynote presentation to Tiffin University's doctoral residence program on 'Cybersecurity and Cyber Peace in an Unstable World'

2ND ANNUAL GLOBAL CYBER ETHICS, PRIVACY AND DATA PROTECTION CONFERENCE
Feb. 4, 2022   Online
❖ Presented a keynote lecture for this University of St. Thomas conference entitled, "Cybersecurity and Cyber Peace in an Unstable World"

GEORGETOWN UNIVERSITY, EJP JUST SUSTAINABLE TRANSITIONS SEMINARS
Feb. 4, 2022   Online
❖ Presented on the topic of cybersecurity and cyber peace for this Georgetown University seminar

KELLEY INSTITUTE FOR CORPORATE GOVERNANCE
Feb. 2, 2022   Naples, FL
❖ Presented alongside Professor Angie Raymond the topic of 'who owns your data?'

IU WINTER COLLEGE
Jan. 22, 2022   Naples, FL
❖ Presented on the topic of securing critical infrastructure against cyber attacks in IU's Winter College

BAHRAIN INTERNATIONAL WORKSHOP ON (رشة عمل تحديات وانعكاسات تشريعات الأمن السيبراني **CHALLENGES AND IMPLICATIONS OF CYBER SECURITY LEGISLATION)**
Jan. 20, 2022   Online
❖ Presented on the future of cybersecurity, including regulatory and technological trends

CRYPTO 101
Dec. 10, 2021   Online
❖ Presented alongside Isak Nti Asare on the technology behind, and regulation of, cryptocurrency

CYBERSECURITY & INFORMATION SYSTEMS INFORMATION ANALYSIS CENTER (CSIAC), U.S. DEPARTMENT OF DEFENSE
Nov. 4, 2021   Online

- ❖ Presented alongside former NTSB Chairman Chris Hart on safeguarding critical infrastructure against cyber attacks

NAVSEA CRANE NAVAL SURFACE WARFARE DIVISION & INDIANA INNOVATION INSTITUTE (IN3)
Oct. 27, 2021   Online
- ❖ Presented alongside former NTSB Chairman Chris Hart on safeguarding critical infrastructure against cyber attacks

UNIVERSITY CLUB
Oct. 5, 2021   Online
- ❖ Invited to give a presentation on securing critical infrastructure against ransomware

ELINOR OSTROM DAY
Sept. 23, 2021   Online
- ❖ Provided closing remarks to a special convening designed to celebrate the life and legacy of Elinor Ostrom, sponsored by the Barcelona-based Ostrom Institute

IU VENTURES
Sept. 20, 2021   Online
- ❖ Presented on cryptocurrency regulations as part of a special event, "Investing in the Digital World: Crypto 101"

IU BLOOMINGTON STAFF COUNCIL
Aug. 18, 2021   Online
- ❖ Presented in the Bloomington Staff Council on my Internet of Things research and our *State of Hoosier Cybersecurity 2020* report

CYBER RISK: INSURABLE OR NOT?
July 21, 2021   Online
- ❖ Presented on the impact of the pandemic and other cybersecurity trends including in the Internet of Things and critical infrastructure contexts for this gathering organized by the Griffiths Foundation for policymakers, their staffs, and insurers

GUEST LECTURE AT HAMPTON UNIVERSITY
Mar. 25, 2021   Online
- ❖ Invited by Professor Francisco Coronel to lecture on global cybersecurity risk management in a program facilitated by IU's Russian and East European Institute (REEI)

CI-ISSA CYBERSECURITY SERIES
Feb. 11, 2021   Online
- ❖ Invited by the Central Indiana Information Security Professionals Association to discuss my recent cybersecurity research and in particular our *State of Hoosier Cybersecurity 2020* report

GUEST LECTURE AT LAVAL UNIVERSITY
Feb. 10, 2021   Online
- ❖ Invited by Professor Eytan Tepper to lecture on space governance

SAFTER INTERNET DAY
Feb. 9, 2021   Online

❖ Presented and moderated a panel session on Infusing CyberPeace in CyberSpace organized by the Cyber Peace Foundation for Safer Internet Day, which is celebrated in 150+ nations

OPPDATERING: TECH FORUM (NORWEGIAN GOVERNMENT FORUM ON ELECTION SECURITY)
Jan. 29, 2021   Online
❖ Provided a keynote presentation for this Norway-organized Tech Forum focusing on election security

GILMAN FELLOWS PROGRAM
Jan. 28, 2021   Online
❖ Provided a keynote presentation for the inaugural IU Gilman Fellows Program hosted by CIBER and the Hamilton-Lugar School on cyber peace and national security

CENTRAL INDIANA ISACA CHAPTER
Jan. 28, 2021   Online
❖ Presented in the ISACA speaker series on Internet of Things research and *State of Hoosier Cybersecurity 2020*

PURDUE CERIAS SECURITY SEMINAR
Jan. 27, 2021   Online
❖ Presented in the CERIAS Cybersecurity Series on Internet of Things research and *State of Hoosier Cybersecurity 2020*

ADVANCING INSTITUTIONAL THEORY AND ANALYSIS SEMINAR
Jan. 19, 2021   Online
❖ Presented on the Ostrom Workshop's research agenda alongside other leading governance scholars hosted by Syracuse University

CYBER RISK AND ITS IMPACT ON INSURER SOLVENCY: WHAT LIES AHEAD?
Dec. 14, 2020   Online
❖ Presented on the impact of the pandemic and other cybersecurity trends including in the Internet of Things and critical infrastructure contexts for this gathering organized by the Griffiths Foundation for policymakers, their staffs, and insurers

22ND CHEMICAL BATTALION
Dec. 7, 2020   Online
❖ Presented on cybersecurity best practices in the Internet of Things and critical infrastructure contexts for this special U.S. Army briefing

KEYNOTE PRESENTATION FOR CYBERPEACE INSTITUTE
Nov. 30, 2020   Online
❖ Offered a keynote presentation to a global gathering of cybersecurity thought leaders on the meaning and future of cyber peace organized by the Geneva-based Cyberpeace Institute

GUEST LECTURE FOR Y673: INSTITUTIONAL DESIGN
Nov. 16, 2020   Online
❖ Lectured on my recent book, *Governing New Frontiers in the Information Age: Toward Cyber Peace*, particular chapter 2, which deals with cyber peace

GUEST LECTURE AT VIRGINIA TECH
Nov. 10, 2020   Online

❖ Invited by Professor Janine Hiller to lecture in her classes on the topic of critical infrastructure protection

INDIANA CYBERSECURITY LUNCHEON
Oct. 13, 2020   Online
❖ Invited by Leaf Software Solutions to offer a keynote presentation to an invitation-only lunch of cybersecurity leaders from across Indiana

IS THERE A CYBERSECURITY MARKET FAILURE?
Oct. 7, 2020   Online
❖ Presented as part of a partnership between IU and Hampton University to a microeconomics course on whether or not we are experiencing a cybersecurity market failure

US-CHINA RELATIONS & THE TIKTOK/WECHAT BANS
Sept. 23, 2020   Online
❖ Presented (virtually) on a panel focusing on the implications of the U.S. government's bans on TikTok and WeChat on U.S.-China relations organized by IU's Hamilton-Lugar School

GEOPOLITICS OF CYBERSPACE
Sept. 21, 2020   Online
❖ Presented (virtually) on a panel focusing on cyber peace that was co-sponsored by the CyberPeace Foundation & Technology Against Crime Africa

ST. LOUIS UNIVERSITY SCHOOL OF LAW
Sept. 11, 2020   Online
❖ Presented (virtually) on a panel focusing on managing disinformation in the digital age

CYBER FUTURE FOUNDATION
Aug. 25, 2020   Online
❖ Presented (virtually) on the current state of cyber peace research

INDIANA MANUFACTURERS IN CYBERSECURITY ASSOCIATION
Aug. 19, 2020   Online
❖ Presented (virtually) on cybersecurity best practices in the Industrial Internet of Things

ROTARY CLUB OF INDIANAPOLIS
Aug. 18, 2020   Online
❖ Presented (virtually) on cybersecurity best practices with an emphasis on election security

THE INSTITUTES: GRIFFITH FOUNDATION
Aug. 11, 2020   Online
❖ Presented (virtually) on emerging hot topics in cybersecurity risk management as applied in the insurance context

INDIANA CHAMBER OF COMMERCE VIRTUAL TOWNHALL
Aug. 6, 2020   Online
❖ Presented (virtually) on cybersecurity best practices for businesses with Prof. Eugene Spafford for a diverse group of business leaders from across Indiana

HAMILTON LUGAR LANGUAGE WORKSHOP
July 13, 2020   Online
❖ Presented (virtually) on cyber peace and election security to an interdisciplinary group of 60+ participants in IU's Language Workshop

KELLEY CENTENNIAL WEBINAR SERIES
June 11, 2020   Online
❖ Presented on securing the Internet of Things, building from research in my recent book, *The Internet of Things: What Everyone Needs to Know*

PATHWAYS FOR CYBER PEACE IN AN AGE OF CONSTANT CONFLICT
May 28, 2020   New York, NY
❖ Presented (virtually) on the topic of cyber peace as part of a panel sponsored by the Foreign Policy Association and NYU

UNIVERSITY INFORMATION SECURITY/PRIVACY OFFICE
May 19, 2020   Bloomington, IN
❖ Presented (virtually) on Internet of Things security as part of this UISO/UISPO discussion

TRANSATLANTIC SECURITY JAM
May 13, 2020   Brussels, Belgium
❖ Presented (virtually) "The EU's Role in Shaping our Polycentric Future: Insights from Elinor Ostrom" as an invited VIP participant during an online gathering hosted by Friends of Europe exploring the future of the EU post-COVID 19

INSTITUTE FOR DEFENSE AND BUSINESS (IDB)
Apr. 6, 13, 20, 27, 2020   Bloomington, IN
❖ Presented (virtually) a four-part webinar series based on my new book, *Governing New Frontiers in the Information Age: Toward Cyber Peace*, organized by IDB and aimed at promoting Kelley's Executive Certificate in Cybersecurity Risk Management in the National Security Context

MEADOWOOD RETIREMENT VILLAGE
Feb. 25, 2020   Bloomington, IN
❖ Presented findings, and cybersecurity best practices, from a survey focusing on 50+ adults that was part of a grant from Ohio State with collaborators from Kelley and O'Neill

GIGANET
Feb. 17, 2020   Bloomington, IN
❖ Participated as an invited expert in panel discussion on publishing in Internet governance

PACIFIC TELECOMMUNICATION COUNCIL 2020
Jan. 21, 2020   Honolulu, HI
❖ Gave keynote address on "IoT & Cybersecurity: New Challenges and Solutions" to this gathering of more than 6,000 tech leaders from across the Pacific region

BLOOMINGTON ROTARY CLUB
Dec. 10, 2019   Bloomington, IN
❖ Presented on cyber peace research and IU's related efforts to the Bloomington Rotary Club

MANDELA FELLOWS
July 24, 2019   Bloomington, IN
❖ Invited by the Office of the Vice President for International Affairs to organize and present as part of a panel of experts exploring cybersecurity and community development to a visiting group of outstanding community leaders from across 16 sub-Saharan African nations

GREAT DECISIONS

Apr. 18, 2019   Columbus, IN
- ❖ Presented research on Cyber Conflict and Geopolitics as part of the Great Decisions series presented by IU-Columbus and the Pitman Institute for Aging Well

THE FUTURE OF PRIVACY IN THE DIGITAL AGE
Apr. 17, 2019   Bloomington, IN
- ❖ Moderated a panel of practitioners and academic experts on the future of privacy that was co-sponsored by CSRES and the Ostrom Workshop

BREXIT RECAP: RAMIFICATIONS FOR U.S. POLITICS, ECONOMICS, AND CYBER SECURITY
Apr. 15, 2019   Bloomington, IN
- ❖ Presented on a panel of IU experts to a diverse audience on the implications of Brexit

IU LIVELONG LEARNING SYMPOSIUM
Feb. 22, 2019   Bloomington, IN
- ❖ Presented to IU Lifelong Learning participants on Cybersecurity 101

SERVICE CLUB OF INDIANAPOLIS
Jan. 28, 2019   Indianapolis, IN
- ❖ Presented a talk on how all of us can help our elections more secure, and our democracy harder to hack

KELLEY FAMILY LEADERSHIP COUNCIL
Jan. 25, 2019   Bloomington, IN
- ❖ Briefed the Kelley Family Leadership Council on IU's Cybersecurity Program and our efforts to help make democracy harder to hack

GRIFFITH FOUNDATION & THE NATIONAL CONFERENCE OF STATE LEGISLATORS
Dec. 19, 2018   Bloomington, IN
- ❖ Briefed state-level policymakers and their staffs on trends in cyber risk mitigation with a focus on the insurance industry

ELECTION SECURITY BRIEFING
Oct. 15, 2018   Bloomington, IN
- ❖ Briefed a visiting delegation of European Union officials on U.S. efforts to make democracy harder to hack at the invitation of the U.S. State Department

US PAN ASIAN AMERICAN CHAMBER OF COMMERCE
Oct. 9, 2018   Bloomington, IN
- ❖ Taught a webinar on cybersecurity best practices for small businesses

IU MINI UNIVERSITY
June 11, 2018   Bloomington, IN
- ❖ Taught a short course on making democracy harder to hack

INDIANA INTERNATIONAL MANAGEMENT INSTITUTE
May 23, 2018   Bloomington, IN
- ❖ Presented cybersecurity research to International Executive MBA segment conducted in cooperation with the Steinbeis University Berlin/Stuttgart

GREAT DECISIONS
May 8, 2018   Columbus, IN

❖ Presented research on making democracy harder to hack as part of the Great Decisions series presented by IU-Columbus and the Pitman Institute for Aging Well

S305: TECHNOLOGY INFRASTRUCTURE
Mar. 29, 2018   Bloomington, IN
❖ Guest lectured on cybersecurity risk management best practices

UN SECURITY COUNCIL COUNTER-TERRORISM COMMITTEE EXECUTIVE DIRECTORATE
Jan. 24, 2018   Bangkok, Thailand
❖ Invited to present research on securing critical infrastructure and the Internet of Things before the Executive Directorate of the UN Security Council

YALE LAW SCHOOL
Nov. 14, 2017   New Haven, CT
❖ Invited by the Information Security Project at Yale to speak at a special forum entitled, "Hijacking Information: Software Vulnerabilities, Ransomware, and Law"

COUNSEL ON STATE GOVERNMENTS (CSG) & THE GRIFFITH FOUNDATION
Nov. 2, 2017   San Francisco, CA
❖ Invited by the Griffith Foundation and CSG to brief a group of state-level lawmakers and staffers from across the country on trends in cybersecurity risk management with a particular focus on cyber risk insurance

HOOSIER ENERGY
Oct. 9, 2017   Bloomington, IN
❖ Invited to present to the Hoosier Energy Board of Directors on IU cybersecurity resources and research focusing on cybersecurity due diligence, cyber risk insurance, and critical infrastructure protection

IU CYBERSECURITY KICKOFF
Sept. 14, 2017   Bloomington, IN
❖ Presented survey of Internet governance and cybersecurity risk management offerings at IU through the Ostrom Workshop and integrated Cybersecurity Program

ALGEBRA UNIVERSITY
May 11, 2017   Zagreb, Croatia
❖ Presented election security research as it pertains to voting machine manufacturers and the news media to an interdisciplinary group of managers, faculty, and students

BABES-BOLYAI UNIVERSITY
May 9, 2017   Cluj-Napoca, Romania
❖ Presented international law research on critical infrastructure protection and election security to a gathering of cybersecurity scholars and law students

LAWRENCE LIVERMORE NATIONAL LABS
Apr. 3, 2017   Livermore, CA
❖ Presented research on cybersecurity due diligence as it pertains to securing elections

SCIENCE ON TAP
Mar. 28, 2017   Bloomington, IN

❖ Presented cybersecurity research at Upland Brewery as part of a new organization designed for professors and researchers at IU to communicate their ideas to the greater Bloomington community

IU HONORS COLLEGE LUNCH & LEARN PROGRAM
Mar. 24, 2017   Bloomington, IN
❖ Presented to a group of honors students on how to make democracy harder to hack

CENTER FOR THE STUDY OF GLOBAL CHANGE
Mar. 3, 2017   Bloomington, IN
❖ Presented on the topic of best practices in pursuing interdisciplinary academic careers for the Graduate Student Study Group in Global Studies

KELLEY EXECUTIVE PARTNERS CYBERSECURITY SERIES
Mar. 2 & 9, 2017   Bloomington, IN
❖ Presented two webinars—*Cybersecurity 101 for Managers*, and *Unpacking Cybersecurity Due Diligence*—for a diverse group of IU alumni and Kelley Executive Partners

DELOITTE DELIVER UNCOMPROMISED WORKING GROUP: INTERNATIONAL NORMS
Mar. 2, 2017   Washington, DC
❖ Presented cybersecurity due diligence research as a subject matter expert on the international norms working group for a U.S. Department of Defense supply chain security review

CENTER ON AMERICAN AND GLOBAL SECURITY
Feb. 28, 2017   Bloomington, IN
❖ Presented election security research as part of a panel entitled 'Cyber Securi-Tea: Lessons and Next Steps After the 2016 Election," hosted by the IU School for Global and International Studies

SECURITY REGISTER
Nov. 15, 2016   Cambridge, MA
❖ Presented on enhancing cybersecurity within the Internet of Things focusing on security elections to this interdisciplinary industry-academic group with more than 1,200 members

INDIANA LAWYER
Oct. 25, 2016   Indianapolis, IN
❖ Presenter on cybersecurity trends and opportunities for a special session organized by the *Indiana Lawyer* and the Indianapolis Bar Association entitled, "Practicing Law in Indiana: Cybersecurity'

DEPARTMENT OF HOMELAND SECURITY (DHS)
Oct. 14, 2016   Seattle, WA
❖ Invited by the State of Washington and DHS to provide a keynote address for the kickoff of National Cybersecurity Awareness Month, which took the form of a recorded presentation on managing cyber risk in an era of big data

HARVARD DEMOCRATS
Oct. 11, 2016   Cambridge, MA
❖ Presented as a panelist on the topic of U.S. cybersecurity policymaking for the next President

NATIONAL INSTITUTE FOR DEVELOPMENT ADMINISTRATION (NIDA)
June 14-19, 2016   Bangkok, Thailand

- ❖ Invited to teach an MBA class, as well as a doctoral seminar, at NIDA as part of the inaugural IU-NIDA faculty exchange, which also included a research collaboration with a NIDA professor, Associate Dean Danuvasin Charoen.

IU MINI UNIVERSITY
June 13, 2016   Bloomington, IN
- ❖ Invited to teach a short course on applying lessons from the sustainable development context to managing cyber attacks entitled, "Sustainable Cybersecurity"

NATIONAL CYBERSECURITY & PRIVACY POLICY ACADEMY – COUNCIL OF STATE GOVERNMENTS
May 26, 2016   Seattle, WA
- ❖ Invited by the Griffith Foundation, a non-profit corporation, to present on the topic of cyber risk insurance to a gathering of more than 30 state and federal policymakers

EYSTER EXCELLENCE IN TEACHING SERIES
May 13, 2016   Bloomington, IN
- ❖ Invited to present pedagogical and curricular innovations to interested Kelley faculty as part of the Kelley Cybersecurity Education Initiative

EUROPEAN PARLIAMENT
Nov. 18, 2015   Brussels, Belgium
- ❖ Invited to present a formal "academic input statement" summarizing my research on cybersecurity due diligence for high-level officials and Members of the European Parliament as part of a day-long event entitled, "The future of European Cyber Foreign and Security Policy: What role for the European Parliament?"

OSTROM WORKSHOP RESEARCH ROUNDTABLE
Nov. 9, 2015   Bloomington, IN
- ❖ Presented research on polycentric governance to all affiliated Ostrom Workshop researchers

KELLEY LIVING LEARNING CENTER (KLLC)
Oct. 19, 2015   Bloomington, IN
- ❖ Nominated to serve as a faculty presenter representing the Department of Business Law and Ethics for KLLC as part of their Professional Development Series

KELLEY CONNECT WEEK SUMMER 2015
June 1, 2015   Bloomington, IN
- ❖ Presented on the role of businesses in promoting cyber peace to a visiting group of Kelley MBA students as part of Kelley Connect Week

GREAT DECISIONS 2015
Apr. 8, 2015   Indianapolis, IN
- ❖ Invited to present research on cybersecurity and privacy as part of the 2015 Great Decisions Series, the nation's oldest and most popular program of citizen education in world affairs

INDIANA UNIVERSITY GLOBAL STUDIES POSITIONING SERIES
Jan. 27, 2015   Bloomington, IN
- ❖ Invited to present on "Cybersecurity and the Search for Global 'Cyber Peace'" as well as lead a discussion on developments in cybersecurity law and policy

STANFORD UNIVERSITY HOOVER INSTITUTION

Oct. 7, 2014   Stanford, CA
- ❖ Invited to present cybersecurity research along with other Stanford scholars as part of Hoover's *Tuesday Talks* series on the topic of *Managing Cyber Attacks in International Law*

INTERNATIONAL SYMPOSIUM ON SECURITY AND MILITARY LAW
Sept. 25-27, 2014   Seoul, South Korea
- ❖ Invited by the Officer of Judge Advocate General, Republic of Korea Army, to present on the topic of cybersecurity focusing on due diligence obligations under international law

KOREA UNIVERSITY LAW SCHOOL
Sept. 26, 2014   Seoul, South Korea
- ❖ Invited by Prof. Nohyoung Park to present on my 2014 book on cybersecurity law and policy

NATIONAL ACADEMY OF SCIENCES EMERGING WEAPONS CONFERENCE
Apr. 22, 2014   Notre Dame, IN
- ❖ Invited by the former Director of the Reilly Center at Notre Dame, Prof. Don Howard, to offer a talk on cyber ethics focusing on applying sustainable development concepts to today's cybersecurity challenges for this NAS Conference entitled, *Ahead of the Curve: Anticipating Ethical, Legal, and Societal Issues Posed by Emerging Weapons Technologies*

NOTRE DAME LAW SCHOOL
Apr. 22, 2014   Notre Dame, IN
- ❖ Invited to present research on Internet governance to Prof. Doug Cassel's course on corporate social responsibility

HARVARD BUSINESS REVIEW (HBR)
Apr. 16, 2014
- ❖ Invited (along with Andrew Proia of the IU Center for Applied Cybersecurity Research) by the *Harvard Business Review* and TrendMicro to offer a webinar to an audience of more than 1,000 business managers on the impact of the 2014 NIST Cybersecurity Framework on shaping a cybersecurity standard of care entitled, *Aggressive and Persistent: Using Frameworks to Defend Against Cyber Attacks*

NOTRE DAME INSTITUTE FOR ADVANCED STUDY
Nov. 13, 2013   Notre Dame, IN
- ❖ Invited to present research on analogizing lessons from the sustainability movement and how they may be applied to mitigate contemporary cybersecurity challenges to a distinguished group of interdisciplinary scholars

KELLEY INFORMATION MANAGEMENT AFFILIATES PROGRAM
Nov. 1, 2013   Bloomington, IN
- ❖ Invited to present cybersecurity and privacy research to a gathering of IT exectuives at the Director level for this Kelley initiative

STATE OF HAWAII CYBER SECURITY SYMPOSIUM
Oct. 18, 2013   Honolulu, HI
- ❖ Invited to present on managing cyber risk to headline Hawaii's cybersecurity awareness month activities and the installation of their new IT Security Department management team

UNIVERSITY OF NOTRE DAME WAR & PEACE COLLOQUIUM
Oct. 3, 2013   Notre Dame, IN

- ❖ Invited to offer a lecture entitled *Cyber War and Peace* for Professor Carolyn Nordstrom's war and peace colloquium series

NOTRE DAME INSTITUTE FOR ADVANCED STUDY

Sept. 17, 2013   Notre Dame, IN

- ❖ Presented research stemming from my doctorate focusing on strategies to govern the global commons in the twenty-first century to a distinguished group of interdisciplinary scholars

HARVARD BUSINESS REVIEW

June 25, 2013

- ❖ Invited to offer a webinar on implementing cybersecurity best practices to manage the multifaceted cyber threat to the private sector to an audience of executives organized by HBR

INTERNATIONAL TELECOMMUNICATION UNION WORLD SUMMIT ON THE INFORMATION SOCIETY FORUM 2013

May 15-17, 2013   Geneva, Switzerland

- ❖ Invited to present on the role of international law in enhancing cybersecurity as part of a multi-stakeholder panel that included representatives from academia, governments, industry, and the UN with over 1,300 participants in residence
- ❖ Participated in International Multilateral Partnership Against Cyber Threats briefing focusing remarks on capacity building measures to enhance cybersecurity in developing countries
- ❖ Participation generously funded by a grant from the Center for Applied Cybersecurity Research

INDIANA UNIVERSITY MAURER SCHOOL OF LAW

Apr. 9, 2013   Bloomington, IN

- ❖ Participated as a judge in a mock international arbitration and discussed career trajectories

INDIANA COUNTER PROLIFERATION TASK FORCE

Nov. 20, 2012   Indianapolis, IN

- ❖ Invited to present on best practices in information security for 70+ representatives from companies including Lilly, Roche, Cummins, and Dow Agro Sciences as part of the FBI-sponsored session, "Protecting Your Company Inside and Out: Insider Threats and Export Issues"

INDIANAPOLIS BAR ASSOCIATION

Oct. 16, 2012   Indianapolis, IN

- ❖ Invited to present research on U.S. and comparative cybersecurity law and policy in this continuing legal education luncheon entitled, "Recent Developments in Cyber Security and Data Protection Law in the U.S. and Europe"

IU MINI UNIVERSITY

June 18, 2012   Bloomington, IN

- ❖ Invited to teach a short course on developments in cybersecurity law and policy entitled, "Cyber Peace: Countering Cyber Attacks around the World"

CROATIAN CHAMBER OF COMMERCE

May 29, 2012   Zagreb, Croatia

- ❖ Presented research on corporate cybersecurity best practices n to a cross-section of business leaders and academics

GREAT DECISIONS 2012

May 1, 2012   Bloomington, IN
❖ Invited to present research on cybersecurity as part of the 2012 Great Decisions Series, the nation's oldest and most popular program of citizen education in world affairs, at Meadowood Retirement Community

JOHN J. REILLY CENTER, UNIVERSITY OF NOTRE DAME
April 23, 2012   Notre Dame, IN
❖ Featured at a special two-hour Reilly Forum on the topic of cyber war and peace, which brought together cybersecurity experts from across the Notre Dame community

GOVERNMENT OF AUSTRALIA, PRIME MINISTER AND CABINET OFFICE
August 24, 2011   Canberra, Australia
❖ Met with the Prime Minister of Australia's national security team and presented cybersecurity research about national best practices aimed at securing cyberspace and building effective public-private partnerships to protect critical national infrastructure

GOVERNMENT OF AUSTRALIA, DEPARTMENT OF FOREIGN AFFAIRS AND TRADE (DFAT)
August 24, 2011   Canberra, Australia
❖ Invited to present research on strategies for enhancing national cybersecurity to specialists from different departments including the Office of the Attorney General
❖ Research later cited in DFAT presentations and publications

AUSTRALIAN NATIONAL UNIVERSITY (COLLEGE OF BUSINESS AND ECONOMICS
August 23, 2011   Canberra, Australia
❖ Gave invited presentation on the risk of cyber attacks to the private sector and how to manage them better to a cross section of faculty and researchers from across campus as well as several Australian government ministries

INDIANA UNIVERSITY MAURER SCHOOL OF LAW, CYBERSECURITY LAW & POLICY
February 24, 2011   Bloomington, IN
❖ Guest lectured on the topic of the use of force in cyberspace

INDIANA UNIVERSITY, LAMP L-216 BLACK MARKETS, SUPPLY AND DEMAND
Oct. 12, 2010   Bloomington, IN
❖ Guest lectured on the subject of cyber attacks generally and cybercrime in particular

BLOOMINGTON ROTARY CLUB
Oct. 5, 2010   Bloomington, IN
❖ Gave presentation on current cybersecurity research and introduced former Dean of the Kelley School of Business, Dan Smith

SCOTT POLAR RESEARCH INSTITUTE, UNIVERSITY OF CAMBRIDGE
Mar. 2, 2010   Cambridge, England
❖ Invited to present doctoral research on the status of continental shelf claims in the Arctic, and the current state of the law of the sea in managing offshore resources

UNIVERSITY OF CAMBRIDGE CENTER FOR LATIN AMERICAN STUDIES
February 25, 2010   Cambridge, England
❖ Presented on the Antarctic Treaty at fifty years and the future of the Antarctic legal regime with special attention to recent claims on the outer continental shelf through the United Nations Convention on the Law of the Sea Article 76

INDIAN INSTITUTE OF INTERNATIONAL LAW
June 25, 2007   New Delhi, India
❖ Invited to present on research relating to a comparative analysis of the alternative dispute resolution systems in India and the United States entitled, *In the Name of Efficiency: The Role of Permanent Lok Adalats in the Indian Justice System and Power Infrastructure*

HOSTED CONFERENCES & EVENTS

❖ Cyber Public Health Convening, with Google Cloud (Jan. 9, 2024) – Attendance 45
❖ Cyber Risk Insurance Tabletop Exercise, with the Information Insurance Institute (Sept. 27, 2023) – Attendance 40
❖ "Indiana Statewide Cybersecurity Summit," with Purdue, Notre Dame, and IUPUI (Mar. 28, 2023) – Attendance 450
❖ "Reinventing Democracy for the Information Age," featuring Bruce Schneier (Mar. 24, 2023) – Attendance 62
❖ "Cyber Public Health Roundtable," featuring Dan Geer, Adam Shostack, Yurie Ito, and Andrea Bonime-Blanc (Sept. 8, 2022) – Attendance 44
❖ "The Emerging Space - Cyber Warfare Theatre and the Need for Governance Responses," featuring Erin M. Miller (Executive Director, Space ISAC), BGen (Retd) Robert G. Mazzolin (Chief Technology Strategist, RHEA Group), Jana Robinson (Director, Prague Security Studies Institute), Richard A. VanderMeulen (Vice President of Space & Satellite Broadband, Viasat Inc.) (June 14, 2022) (co-hosted by the IU Ostrom Workshop, Laval University, and the University of Mississippi) – Attendance 138
❖ "Combatting Misinformation and Disinformation in Ukraine" with Ginny Badanes, John Bryden, and representatives from StopFake (Mar. 30, 2022) (co-hosted with REEI) – Attendance 50
❖ "Multi-School Cybersecurity Ethics Panel" with Professors Gene Spafford, Isak Nti Asare, Clovia Hamilton, Mark Bourgeois (Dec. 3, 2021) (co-hosted with Purdue and Notre Dame) – Attendance 25
❖ "Making Hard Content Moderation Decisions: Lessons Learned from the First Year of the Facebook Oversight Board" with Eli Sugarman, Content Oversight Board Administration (Nov. 11, 2021) (co-hosted with CACR Speaker Series and Ostrom) - Attendance 52
❖ Cyber Solutions Showcase, co-convened by IU, NAVSEA Crane Naval Surface Warfare Division, and Dimension Mill (Oct. 29, 2021) – Attendance 16+
❖ Indiana Statewide Cybersecurity Summit, co-organized with IU, Purdue University, and the University of Notre Dame (Oct. 18, 2021) – Attendance 250+
❖ Cybersecurity for Boards and Executives, Kelley School of Business limited Webinar Series (Oct. 14, 2021) – Attendance 50+
❖ Cybersecurity Policy Bootcamp, co-hosted with the Institutes' Griffith Foundation, focused on cyber risk insurance regulation and other hot topics in cybersecurity policymaking (Oct. 6, 13, 18, 2021) – Attendance 200+
❖ Cyber Careers in Government Roundtable Discussion featuring representatives from the FBI, National Guard, IU, and the Indiana Office of Technology (Apr. 29, 2021) – Attendance 16
❖ IU Ethics, Values, & Tech Series: IU Cyber Research Roundtable featuring Professors Jean Camp, Diane Henshel, Asaf Lubin, and Sagar Samtani (Apr. 28, 2021) – Attendance 26
❖ IU Cybersecurity Book Club, featuring Nicole Perlroth (New York Times) and her book, *This is How They Tell Me the World Ends* (Apr. 9, 2021) – Attendance 23

- ❖ "Diversity in Cybersecurity" with Meredith Harper, VP and CISO for Eli Lilly, Co. (Mar. 25, 2021) (co-hosted with CACR Speaker Series and Kelley) – Attendance 55
- ❖ IU Ethics, Values, & Tech Series: Andrew Burt, Managing Partner, BNH (Mar. 11, 2021) - Attendance 22
- ❖ IU Ethics, Values, & Tech Series: Andrea Bonime-Blanc, GEC Risk Advisory (Mar. 9, 2021) - Attendance 25
- ❖ Cyber Peace Forum, a multi-stakeholder gathering designed to define and foster progress toward Cyber Peace Goals (Jan. 21, 2021) (co-hosted with the Cyber Future Society) – Attendance 50+
- ❖ IU Ethics, Values, & Tech Series: Josephine Wolff, Fletcher School (Nov. 19, 2020) - Attendance 18
- ❖ IU Ethics, Values, & Tech Series: IU Ethics, Values, & Tech Series: Trey Herr and Safa Shahwan Edwards, Atlantic Council (Nov. 17, 2020) - Attendance 22
- ❖ "Defending Democracies with Cybernorms" with Duncan Hollis, Temple University (Nov. 5, 2020) (co-hosted with CACR Speaker Series and Ostrom) – Attendance 32
- ❖ IU Ethics, Values, & Tech Series: Simon Jones & Anina Schwarzenbach, Belfer Center (Nov. 4, 2020) - Attendance 22
- ❖ IU Ethics, Values, & Tech Series: Amanda Craig Deckard from Microsoft (Oct. 29, 2020) – Attendance 32 (co-hosted by the Ostrom Workshop and the IU Cybersecurity Program)
- ❖ "Securing the Vote" featuring IU President Michael McRobbie, co-sponsored with the Democracy Themester (Oct. 22, 2020) – Attendance 162
- ❖ "Making Democracy Harder to Hack" featuring Prof. Fil Menczer, Von Welch, Michael Alford, and Liisa Past, co-sponsored with the Democracy Themester (Oct. 8, 2020) – Attendance 42
- ❖ Governing the Commons: 30 Years Later: Special Conference Celebrating the 30-year Anniversary of *Governing the Commons* (Oct. 2, 2020) – Attendance 1,200+ (organized by Prof. Edu Brondizio)
- ❖ IU Ethics, Values, & Tech Series: Prof. Gene Spafford (Oct. 1, 2020) – Attendance 24 (co-hosted by Luddy, the Ostrom Workshop, and the IU Cybersecurity Program)
- ❖ Ostrom Memorial Lecture: Prof. Frank Laerhoven (Oct. 1, 2020) – Attendance 184 (co-hosted by International Association for the Study of the Commons)
- ❖ Cyber Peace Colloquium: Gathering of Authors and Discussants from upcoming Cyber Peace Edited Volume – Attendance 35 (Sept. 30, 2020).
- ❖ IU Ethics, Values, & Tech Series: Val Mukherjee (Aug. 27, 2020) – Attendance 34 (co-hosted by Luddy, the Ostrom Workshop, and the IU Cybersecurity Program)
- ❖ "The Law and Politics of Cyberattack Attribution" with Kristen Eichensehr, University of Virginia (Aug. 27, 2020) (co-hosted with CACR Speaker Series and Ostrom) – Attendance 84
- ❖ Cyber Peace Colloquium (Apr. 17, 2020 & Apr. 24, 2020) – Attendance 30 (co-hosted by EURO with support from Erasmus+ Jean Monnet Centres of Excellence)
- ❖ IU Cybersecurity Program Holiday Gathering (Jan. 30, 2020) – Attendance 25
- ❖ Ostrom Memorial Lecture on Cybersecurity and Internet Governance in Bloomington, IN featuring Bruce Schneier (Jan. 30, 2020) – Attendance 200
- ❖ Ostrom Workshop Roundtable Discussion of Bruce Schneier's upcoming RSA Presentation "Hacking Society" (Jan. 30, 2020) – Attendance 15

- ❖ Cybersecurity, Human Rights, and the Prospects for Cyber Peace Collaborative Workshop co-hosted by Indiana University, New York University, and Paris VIII University in New York (Nov. 21-22, 2019) – Attendance 40
- ❖ "It's not me, it's you. Who said it best, the Board or the CISO?" with Bryan Sacks, CISO for the State of Indiana (Nov. 14, 2019) (co-hosted with CACR Speaker Series and Kelley) – Attendance 30
- ❖ Making Democracy Harder to Hack Collaborative Workshop for Indiana University and Australia National University, in Canberra, Australia (May 7-11, 2019) – 7 IU faculty, 12 Cybersecurity Risk Management MS capstone students (planned a 3.5-day conference and companion study trip to Canberra and Sydney with help from IU and ANU faculty and staff)
- ❖ "The Future of Privacy in the Digital Age" with Professor Fred Cate, Nick Merker, and Zach Heck (Apr. 17, 2019) – Attendance 40
- ❖ An Evening with the FBI (Special Agent Michael Alford, co-hosted between the Kelley School of Business and the IU Cybersecurity Program, Apr. 11, 2019) – Attendance 50
- ❖ "Big Data, AI, and Civic Virtue" with Notre Dame Professor Don Howard (Feb. 28, 2019) – Attendance 35
- ❖ Kelley School of Business / Center for Applied Cybersecurity Research (JJ Thompson, CEO of Rook Security, Cybersecurity from the C-Suite Speaker Series, Jan. 31, 2019) – Attendance 44
- ❖ Cookies and Hard Problems: Blockchain Roundtable, co-hosted with the Ostrom Data Governance Program (Oct. 24, 2018) – Attendance 16
- ❖ Smart Cities, co-hosted between Ostrom Workshop Data Governance and Cybersecurity Programs (Oct. 3-5, 2018) – Attendance 35
- ❖ Ostrom Memorial Lecture with Professor Milton Mueller (Oct. 3, 2018) – Attendance 75
- ❖ Making Democracy Harder to Hack Collaborative Workshop for Indiana University and Australia National University (Sept. 6-7. 2018) – Attendance 35
- ❖ A (Friendly) Evening with the FBI, Maurer School of Law (Apr. 12, 2018)
- ❖ Blockchain Blockparty, co-hosted with the Ostrom Workshop, IU Blockchain Club, SICE, and Kelley (Apr. 5, 2018) – Attendance 64
- ❖ Cookies and Hard Problems: Making Democracy Harder to Hack, co-hosted with the Ostrom Data Governance Program and CEWiT (Mar. 7, 2018) – Attendance 20
- ❖ Sustainable Development: Cybersecurity, co-hosted with SGIS, Kelley, the IU Cybersecurity Program, and the Ostrom Workshop (Jan. 26, 2018) – Attendance 115
- ❖ The Net Neutrality Battle: What it is About and What It Means to You, co-hosted with the Media School, Ostrom Workshop, and the IU Cybersecurity Program (Nov. 30, 2017)
- ❖ Ostrom Workshop Program on Cybersecurity and Internet Governance Speaker Series (Professor Peter Swire, Georgia Tech, Sept. 28, 2017)
- ❖ Ostrom Workshop Program on Cybersecurity and Internet Governance Inaugural Conference (Apr. 26-29, 2017)
- ❖ Kelley School of Business / Center for Applied Cybersecurity Research (Prof. Brad Wheeler, Cybersecurity from the C-Suite Speaker Series, Apr. 21, 2017)
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❖ Haley Hinkle, *Cybersecurity Proposal Presents Opportunity for Bipartisanship*, Medill on the Hill (Jan. 21, 2015), http://medillonthehill.net/2015/01/cybersecurity-proposal-presents-opportunity-for-bipartisanship/.

❖ *'Shame Factor' Hampering Cyberinsurers*, News at Smith (Jan. 16, 2015), http://www.rhsmith.umd.edu/news/shame-factor-hampering-cyberinsurers.

❖ Colin Daileda, *If the Sony Hackers are North Korean, Good Luck Prosecuting*, Mashable (Dec. 19, 2014), http://mashable.com/2014/12/18/north-korea-sony-hack-law/.

❖ Joseph Marks, *Home Depot Breach – Will Heads Roll?*, Politico (Sept. 25, 2014), https://www.politicopro.com/go/?id=38773.

❖ Andrew Conte, *Case of Ukrainian Wanted in W.Pa. Spotlights Difficulty of Hacker Fight*, PITTSBURG TRIBUNE-REVIEW (Sept. 11, 2014).
❖ Andrew Conte, *Identifying Cyber-Criminals is No. 1 Challenge, Lawyer Says*, PITTSBURG TRIBUNE-REVIEW (July 21, 2014).
❖ Chris J. Castelli, *Attorneys: Cybersecurity Framework Could Have Big Impact on Negligence Law*, INSIDE CYBERSECURITY (July 8, 2014) (feature article, most visited posting for early July 2014).
❖ *Law Journal Article Examines NIST Framework's Role in Duty of Care*, INSIDE CYBERSECURITY (June 10, 2014), http://insidecybersecurity.com/Cyber-Daily-News/Daily-Briefs/law-journal-article-examines-nist-frameworks-role-in-duty-of-care/menu-id-1075.html
❖ *Cyber Espionage Indictment of Chinese Officials: IU Experts Comment*, IU NEWS ROOM (May 19, 2014) http://info.law.indiana.edu/releases/iu/2014/05/china-cyber-spying.shtml.
❖ Marilyn Odendahl, *Law Firms Should be Concerned About Cybersecurity*, INDIANA LAWYER (May 7, 2014), http://www.theindianalawyer.com/the-hackers-are-already-here/PARAMS/article/34092.
❖ *IU Professor Authors Book on Cybersecurity and the Search for 'Cyber Peace*,' IU NEWS ROOM (Apr. 12, 2014), http://news.indiana.edu/releases/iu/2014/08/managing-cyber-attacks.shtml.
❖ Dan Human, *Company Conducts 'Global Warfare' Against Invisible Cyber Threats*, INDIANAPOLIS BUSINESS JOURNAL (Mar. 29, 2014).
❖ Valentina Pasquali, *Cover: The Untold Cost of Cybersecurity*, GLOBAL FINANCE (May 2013), http://www.gfmag.com/archives/175-may-2013/12482-cover-growing-threat-the-untold-costs-of-cybersecurity.html#axzz2SPH89Pma.
❖ Erika Morphy, *Senate Tosses Cybersecurity Ball to Obama's Court*, TECH NEWS WORLD (Nov. 15, 2012), http://www.technewsworld.com/story/76646.html (interviewed on the benefits and drawbacks of cybersecurity legislation being debated in Congress).
❖ Jerry Brito, *Scott Shackelford on Cybersecurity and Polycentric Governance*, SURPRISINGLY FREE (Oct. 9, 2012), http://surprisinglyfree.com/2012/10/09/scott-shackelford/ (research featured in weekly podcast out of George Mason University exploring issues of technology and public policy).
❖ *You Are Here: The Galactic Era*, WERS (Sept. 2, 2012), http://wers.org/2012/09/02/the-galactic-era/ (interviewed on Boston-based public affairs radio show about my research regarding the common heritage of mankind concept).
❖ Serena Dai, *What Would a Cyberwar Really Look Like?*, ATLANTIC WIRE (July 27, 2012), http://www.theatlanticwire.com/national/2012/07/what-would-cyberwar-really-look/55098/.
❖ *Scott J. Shackelford: How to Enhance Cybersecurity and Create American Jobs*, TOPNEWSTODAY.ORG (July 16, 2012) (piece also covered on World News and Topix among other outlets).
❖ *Civil Liberties Groups See Holes in Cyber Defense Bill*, NPR (Apr. 28, 2012) http://m.npr.org/news/U.S./151603533.
❖ *Stanford Law Review Online: In Search of Cyber Peace*, FORBES (Mar. 12, 2012), http://specials.forbes.com/article/0gUAax659SdnV (piece also covered by Concurring Opinions, FindLaw, sobeQ.org, Cyber Crimes Unit, Digital Rights Watch, C-SPAN, and the Center for Strategic and International studies, as well as being included in the NATO Cyberspace Security Library).

- ❖ IU Institute for International Business, CIBER Focus Interview, *Cyber Peace: Counting Cyber Attacks in International Law, Business, and Relations*, http://www.indiana.edu/~ksbmedia/dynamic/launchflash.html?format=mp4&folder=ksbmedia/GLN/2012/1Q&filename=cyberSecurity_20120119_ciberFocus.
- ❖ *Center for Applied Cybersecurity Research Spotlight: Are Cyberattacks Acts of War?*, http://cacr.iu.edu/spotlight/22 (last visited Nov. 8, 2011).
- ❖ *Experts Respond to Defense Department Cyber Strategy*, NEWSWISE (July 15, 2011), http://www.newswise.com/articles/experts-respond-to-defense-department-cyber-strategy.
- ❖ *'Act of War' Treatment of Cyber-Attacks Fails to Answer Harder Questions: IU Experts*, KELLEY ON TOPIC (June 2, 2011), http://info.kelley.iu.edu/news/page/normal/18778.html.
- ❖ *2011 Sustainability Course Development Fellowship recipients announced*, IU NEWS ROOM (May 20, 2011), http://newsinfo.iu.edu/news/page/normal/18645.html.
- ❖ *Cyber War and Peace (And Zombies)*, 1 KELLEY ON TOPIC 5 (2011).
- ❖ Erik Holm, *Cyber Attack*, MEDIEHUSET INGENIØREN (Denmark) (Jan. 14, 2011), http://ing.dk/.
- ❖ Bruce Horowitz, *Do Not Track May Not be Big Deal to Some Internet Users*, USA TODAY (Dec. 3, 2010), http://www.usatoday.com/tech/news/2010-12-03-adreact03_ST_N.htm.
- ❖ *Cybersecurity Oversight Under New Scrutiny: One-on-One with Scott Shackelford*, KELLEY MAGAZINE, Winter 2011, at 17.

PROFESSIONAL EXPERIENCE

HOGAN LOVELLS LLP
Summer Associate, (May 2008-July 2008)   Washington, D.C.
- ❖ Wrote memoranda and attended International Trade Commission hearings on antidumping in international trade law
- ❖ Helped draft notice and comment on proposed Department of Interior regulation on allowing concealed handguns in national parks resulting in D.C. District Court granting a preliminary injunction
- ❖ Conducted contract interpretation regarding natural gas pipelines for project finance group

FREEDOM NOW
Advocate, (July 2008-July 2010)   Washington, D.C.
- ❖ Drafted press releases and wrote petition to the U.N. Working Group on Arbitrary Detention for an arbitrarily detained Peruvian doctor for this non-profit, non-partisan organization working to free prisoners of conscience worldwide

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA), OFFICE OF GENERAL COUNSEL
Clerk, (July 2007-June 2008)   Mountain View, CA
- ❖ Worked with Chief Counsel of NASA Ames and wrote memoranda on proposed public-private partnerships in developing small spacecraft
- ❖ Reviewed outgoing patents from NASA scientists
- ❖ Helped plan summer symposium involving international space policy students attending school at NASA Ames

STANFORD UNIVERSITY, PROFESSOR LAWRENCE FRIEDMAN
Research and Teaching Assistant, (Dec. 2006-June 2009)   Stanford, CA

- ❖ Researched and wrote on topics in the history of American law including the evolution of guardianship law published by the *American Journal of Legal History*, and a comparative analysis of privacy rights for public figures which won the Stanford Steven Block Civil Liberties Award

STANFORD UNIVERSITY, PROFESSOR NORMAN SPAULDING
Research Assistant, (Dec. 2006-Jan. 2009)   Stanford, CA
- ❖ Prepared literature review on the cognitive science of legal reasoning, in particular whether arguing against oneself impacts upon an advocate's cognitive dissonance, as well as larger issues of legal ethics

STANFORD ENVIRONMENTAL LAW CLINIC
Advanced Student, (Jan. 2008-Jan. 2009)   Stanford, CA
- ❖ Drafted NAFTA petition on the impact of oil and gas exploration in the Chukchi Sea on the gray whale population; co-wrote report on the water law of Namibia and the environmental effects of uranium mining published by the Stanford Law School Mills Law Clinics

INSTITUTE FOR PEACE AND CONFLICT STUDIES
National Security Education Program Boren Fellow, (May-July 2007)   New Delhi, India
- ❖ Conducted research on alternative dispute resolution as part of the United Nations Development Program Access to Justice initiative

SAN MATEO LEGAL AID SOCIETY
Co-Creator, Stanford Elder Law Project, (Jan. 2007-May 2007)   San Mateo, CA
- ❖ Interviewed at-risk elderly; wrote briefs on consumer fraud, elder abuse, and public health benefits for the disabled, especially relating to public senior housing in San Mateo

MONROE COUNTY CIRCUIT COURT
Judicial Extern to Honorable Judge Randy Bridges, (May-Aug. 2005)   Bloomington, IN
- ❖ Drafted bench memoranda and assisted in writing opinions related to criminal law

CYBERSECURITY CONSULTING

- ❖ *Member, Board of Directors CFF Cyber Future Institute - Board of Education* (2018-Present): Assisting in the development of educational cybersecurity best practices
- ❖ *Advisory Committee Member, Better Business Bureau Institute for Marketplace Trust* (2018-Present)*: Cybersecurity Trust Guidelines* (2018-Present): Helping to develop BBB cybersecurity guidelines for small businesses.
- ❖ *Advisory Council Member, ACT-IAC Communities of Interest (COIs) Government Advisors (GA)* (2018-Present): Assisting in the development of cybersecurity best practices across the federal government, such as in the realm of cyber risk insurance.
- ❖ *Subject Matter Expert*, **Deloitte**: Deliver Uncompromised International Norms Working Group Member (Feb. 16, 2017)
- ❖ *Expert*, **International Telecommunication Union Global Cybersecurity Index (2016-Present)**: Responsible for leading a multi-stakeholder project based at Indiana University assessing worldwide cybercrime laws and their effectiveness at mitigating cyber attacks
- ❖ *Faculty Expert*: Deloitte Critical Infrastructure Cybersecurity Project (2017)
- ❖ *Expert Reviewer*, **ITU GLOBAL CYBERSECURITY INDEX & CYBERWELLNESS PROFILES**: Asked to be first expert to review methodology in a major project designed to rank all nations according to their cybersecurity readiness

❖ *Listed Expert*, **COMNET**: Included in list of leading experts in this British Commonwealth cybercrime initiative

SERVICE TO INDIANA UNIVERSITY

❖ Cybersecurity Risk Management Program Chair, IU-Bloomington (2017-22)
❖ Executive Director, Ostrom Workshop (2020-)
❖ Executive Director, Center for Applied Cybersecurity Research (2022-)
❖ Acting Director, Ostrom Workshop (August 2019-December 2019)
❖ Director, Ostrom Workshop Program on Cybersecurity and Internet Governance (2016-)
❖ Member, Tenure Advisory Committee for IU-Bloomington (2023-)
❖ Co-Director, Ostrom Blockchain Governance Initiative (2018-Present)
❖ Qualifying Committee Member, Peter Caven Luddy School doctoral student (Dec. 12, 2023)
❖ Chair, MA committee for Becca Valdovinos Kaye (Hamilton-Lugar School, Apr. 2023)
❖ Chair, IU-IDB Strategic Studies Fellows Program for the U.S. Army (2016-2019)
❖ Faculty Marshall, IU Cybersecurity Risk Management Graduation Ceremony (May 5, 2022)
❖ Director, Managing Cyber Risk in the National Security Context Program (2020-)
❖ Faculty Moderator, Alexander Hamilton Society Event (Mar. 30, 2022)
❖ Chair, Ostrom Workshop Colloquium Committee (2018-19)
❖ Master of Ceremonies, IU Cybersecurity Program Graduation Celebration (May 5, 2020; May 1, 2019)
❖ OVPR Reviewer, IIDC 5-Year Review Committee (2021)
❖ Faculty Participant, LEAD Conversations on Democracy (Jan. 22, 2021)
❖ Faculty Participant (Group Interview), Kelley Scholars Weekend (Feb. 26, 2022)
❖ Faculty Attendee, Kelley MSIS Graduation Celebration (May 9, 2020)
❖ Faculty Panel Participant, Cox Scholar Finalists and Family Day (Feb. 28, 2020)
❖ Convener, Lilly 'Ethics, Values, & Tech' Series (2020-21)
❖ David Bosco Book Discussion Participant (July 10, 2020)
❖ M.A. Thesis Supervisor, Budmir Skrtic (2019-2020)
❖ Invitee, Pres. Michael McRobbie's Dinner for Australia's Consul-General in Chicago Visit to IU-Bloomington, Bryan House (Aug. 20, 2019)
❖ Member, Center for the Study of Global Change Advisory Board (2017-)
❖ Indiana Supreme Court, Indiana Innovation Initiative, Technology Task Force Working Group Member (2019-)
❖ Advisory Board Member, IU B.S. in Cybersecurity & Policy (2019-)
❖ Chair, Graduate Initiatives, Graduate Faculty Council (2019-20)
❖ Speaker & Co-organizer, IU Cybersecurity Program Graduation Ceremony (May 2, 2019, May 1, 2020)
❖ Faculty Marshall, IU Graduate Commencement (May 3, 2019)
❖ SJD Committee Chair, Wei-ya Wu (2019-)
❖ Drafted Department Memo following Tenure Vote for Todd Haugh (August 2019)
❖ MA Thesis Adviser, Kayla MacDavitt (2019)
❖ Participant & Ostrom Workshop Organizer, Chinese Academy of Social Sciences (CASS) Visit to IU-Bloomington (Oct. 21, 2019)
❖ Attendee, Cox Scholars Fall Reception (Oct. 21, 2019)
❖ Attendee, Cox Scholars Spring Reception (Apr. 16, 2019)
❖ Attendee, Kelley Family Leadership Council Dinner (Jan. 24, 2019)

- ❖ Directed Research Mentor, Keon Brown (IU Cybersecurity Program) (2018)
- ❖ Member, Ostrom Workshop Colloquium Committee (2016-22)
- ❖ Directed Reading Mentor, Grayson Harbour (IU Cybersecurity Program/Maurer School of Law) (2018)
- ❖ Directed Research Mentor, Janaki Gaddam (IU Cybersecurity Program) (2018)
- ❖ Judge, Kelley Connect Week Case Competition (Mar. 9, 2018)
- ❖ Judge, Graduate School Three-Minute Thesis Competition (Mar. 8, 2018)
- ❖ Search Committee Member, Director of IU Proposal Development Services (March 2018)
- ❖ Executive Committee Member, Russia and East European Institute (REEI) (2017-Present)
- ❖ Representative, IU Graduate Faculty Council (2017-19, 2019-21)
- ❖ Member, Bloomington Faculty Council Long-Range Planning Committee (2017-Present)
- ❖ Developer, IU-Bloomington Proposal for an M.S. Degree in Cybersecurity Risk Management, University Graduate School (2015-16)
- ❖ Faculty Marshal, IU Winter Commencement (Dec. 16, 2017)
- ❖ Elected Member, Kelley School of Business Representative to the Bloomington Faculty Council (BFC) (2015-17)
- ❖ Member, Outstanding Junior Faculty Award Selection Committee (2016-17)
- ❖ Faculty Advisor, Kelley Cybersecurity Club (2017-)
- ❖ Volunteer, Habitat for Humanity Whirlpool Build (2017)
- ❖ Promotion Dossier Reviewer for Senior Lecturer, SPEA Professor John Karaagac (2017)
- ❖ IU Representative, UN Global Cybersecurity Index Initiative (2016-)
- ❖ Directed Reading Mentor, Jeffrey Haut (Maurer School of Law) (2016)
- ❖ Conflict of Interest Beta Test Participant, Office of the Vice President and General Counsel (2016)
- ❖ Member, BFC Child Care Coalition (2014-16)
- ❖ Judge, Kelley Connect Week Case Competition (July 29, 2016)
- ❖ Judge, Kelley Connect Week Case Competition (June 10, 2016)
- ❖ Member, Cross-Campus Graduate Security Studies Committee (2014-15)
- ❖ Member, Kelley Research Policy Committee (2015-17)
- ❖ Faculty Lead, IU Cybersecurity Certificates Website (cybercertificates.indiana.edu) (2015)
- ❖ Content Creator, Kelley Certificate in Cybersecurity Management Website (2015)
- ❖ Member, Information Systems Graduate Program Policy Committee (2015-16, 2017-18))
- ❖ Member, European Studies Advisory Board (2015-16)
- ❖ Member, Center for the Study of Global Change Advisory Board (2015-17)
- ❖ Mentor, IU Sustainability Scholars 2020 Program (2015-16)
- ❖ Faculty Participant, Liberal Arts Management Program (LAMP) Graduation Ceremony (May 6, 2016)
- ❖ Invited Participant, Ethics in the National Security Profession Workshop (June 30, 2015)
- ❖ Organizer & Proctor, International Association of Privacy Professionals Certification for IU MSIS Students (June 26, 2015)
- ❖ Primary drafter, Kelley Certificate in Cybersecurity Management (*passed by the Academic Council and Kelley faculty in Spring 2015*)
- ❖ Member, Faculty Search Committee, Department of International Studies in Security Studies (2014-15)
- ❖ Faculty Participant, Kelley Direct Admit Weekend (Feb. 27, 2015)
- ❖ International Studies Mentor, Senior Thesis, Catherine Krege (2015)

- International Studies Mentor, Senior Thesis, Kenneth Brooks (2015)
- Co-organizer, Cyberspace 2025: Today's Decisions, Tomorrow's Terrain (Mar. 6, 2015)
- Participant, MSIS Alumni Event (San Francisco, Nov. 9, 2014)
- Member, Resource Use and Recycling Working Group (2014-15)
- Advisor, IU Goethe Link Observatory Working Group (2014-Present)
- Faculty Coordinator, X576 Emerging Markets Trip to Turkey and Georgia (2014-15)
- Co-convener, Russia and East European Studies Post-Communist Round Table focusing on cybersecurity law and policy developments in Eastern Europe and Central Asia (2014)
- Faculty Participant, Kelley MSIS Celebration (May 10, 2014)
- Judge, Kelley Connect Week Second Year Case Competition (2014)
- Distinguished Campus Catalyst Award Judge (2013) – Annual IU Sustainability Awards
- Dissertation Committee, Constituent Member, Bari Bendell (July 2013)
- Graduate Faculty, University Graduate School, Indiana University (June 2013-Present)
- Faculty Participant, Kelley MSIS Celebration (May 4, 2013)
- Faculty Participant, Kelley Senior Recognition Ceremony (May 3, 2013)
- Faculty Participant, National Institute for Development Administration (NIDA) visits to IU (Apr. 5, 2013; Aug. 4, 2014)
- Faculty Elector, Phi Beta Kappa (2012-Present)
- Faculty Coordinator, X576 Sustainability in Emerging Markets MBA course and trip to Indonesia (2013)
- Member, Kelley/International Graduate Business School in Zagreb, Croatia Academic Council (2013-Present)
- Planning Committee Member, IU Center for Applied Cybersecurity Research summit on cybersecurity challenges facing the next President (Oct. 29, 2012)
- Member, Campus Sustainability Advisory Board, Transportation Working Group
- Faculty Participant, Phi Alpha Delta Health Professions and Pre-Law Center Etiquette Dinner (2013)
- International Studies Mentor Program (September 2012-Present)
- Faculty Participant, Freshman Induction (August 15, 2012)
- Faculty Instructor, IU Mini University (June 18, 2012), taught—Cyber Peace: Countering Cyber Attacks around the World
- Faculty Participant, IU Commencement Ceremony (May 2012)
- Faculty, Kelley Emerging Markets Trip to China (Mar. 2012)
- Member, Bloomington Faculty Council Constitution and Rules Committee (2011-2012, 2012-2013)
- Faculty Mentor, University Division Students (2011-12)
- Participant, 2011 Course Development Institute for L302: Sustainability Law and Policy
- Member, Department of Business Law and Ethics Simulation Committee (2013)
- Member, Department of Business Law and Ethics Curriculum Review Committee (2013-14)
- Presenter, Department of Business Law and Ethics Research Workshop Committee (2011-14); Organizer, 2012-13
- Faculty Mentor, Kelley Cox Scholars Program (2010-12)
- Judge, Emerging Markets Case Competition (Feb. 11, 2012)
- Judge, Undergraduate Ethics Case Competition (Mar. 26, 2011)

COMMUNITY SERVICE

BLOOMINGTON ENVIRONMENTAL COMMISSION
Commissioner, (2021-23)   Bloomington, IN
- ❖ Selected to serve on the Bloomington Environmental Commission, which spearheads an array of sustainable development initiatives for the City of Bloomington

ROTARY INTERNATIONAL
Member, (Jan. 2018-Present)   Bloomington, IN
- ❖ Member of the Bloomington IMU Rotary Club, having formerly served as an Ambassadorial Scholar from District 6580 to the University of Cambridge
- ❖ Committee member for the 2019-20 Global Grant Scholarship Selection Committee

HOOSIER HILLS FOOD BANK
Board Member, (Dec. 2010-Present)   Bloomington, IN
- ❖ Elected to the Board of Directors for the Hoosier Hills Food Bank, serving local agencies and providing direct service to needy families in South-Central Indiana
- ❖ Serve on the finance and accounting subcommittee
- ❖ Volunteer at Food Bank events, including annual Soup Bowl and Book Fair

TIMMY FOUNDATION
Development Officer, (Apr.-Oct. 2005)   Indianapolis, IN & Quito, Ecuador
- ❖ Led a trip of 25 volunteers and two physicians to Quito for community service and health screenings
- ❖ Composed 2005 Timmy Foundation Annual Report, a nonprofit foundation with assets of more than $1 million

AREA 10 AGENCY ON AGING
Public Relations Specialist, (May 2002-May 2005)   Ellettsville, IN
- ❖ Published over 50 articles in the *Indianapolis Star*, *Spencer Evening World*, *Ellettsville Journal*, and *Herald Times*; created brochures, commercials, wrote grants and negotiated marketing contracts

GRANTS & GIFTS

- ❖ Principal Investigator, "Toward an Integrated Theory of Space-Cyber Power," Air Force Office of Scientific Research. Total. Budget Requested: $575,505. (2024).
- ❖ Co-Principal Investigator, "CICI: TCR: Enhancing the Resilience of Open Source Artificial Intelligence Software: Vulnerability Detection and Deep Learning-based Linkage and Remediation," National Science Foundation. Total Budget Requested: $1,200,000. (2024).
- ❖ Co-Principal Investigator, "Technology in Service of Internet Freedom," U.S. Department of State. Total Budget Requested: $1,500,000. (2023)
- ❖ Principal Investigator, "Expanding the Scope and Impacts of the IU Cybersecurity Clinic." Kyndyl Foundation. Total Budget Requested: $244,819. (2023).
- ❖ Principal Investigator, "IU Cybersecurity Clinic." Google.org. Total Budget Requested: $500,000. (2023). Funded $500,000 (2023)
- ❖ Principal Investigator, "IU Cybersecurity Clinic." PIT-UN. Total Budget Requested: $90,000. (2023).
- ❖ Principal Investigator, "Space-Cyber Policy." Microsoft Corporation. Total Budget Requested: $20,000. Funded: $20,000 (2023)

- ❖ Principal Investigator, "Analyzing Pedagogical Effectiveness for Critical Infrastructure Security, Resilience, and Integrated Smart City Training." U.S. Department of Defense. Total Budget Requested: $700,000. (2023). Funded: $506,000 (2023)
- ❖ Principal Investigator, Minerva White Paper "Understanding the Space-Cyber Nexus: Toward a Theory of Space-Cyber Power." U.S. Department of Defense. Total Budget Requested: $2,300,000. (2023)
- ❖ Principal Investigator, NSF SPACE Program (Dear Colleague Letter Supplemental Funding Request), "Space-Cyber Security Workforce Development and Diversity Enhancement" (co-PIs Eytan Tepper, and Sagar Samtani). Total Budget Requested: $300,000. (2022). Funded $300,000 (2023)
- ❖ Principal Investigator, "Indiana University-Bloomington Hacking for Defense® (H4D) Program," Lockheed Martin Common Mission Project (co-PIs Esfan Haghverdi & Isak Nti Asare). Total Budget Requested: $15,000. Funded: $15,000. (2022)
- ❖ Principal Investigator, Minerva White Paper "Deterrence 3.0." U.S. Department of Defense. Total Budget Requested (co-PIs Gustavo Torrens, Eytan Tepper, and Brandon Valeriano): $1,920,153. (2022)
- ❖ Principal Investigator, Minerva White Paper "Toward an Integrated Theory of Space-Cyber Power." U.S. Department of Defense. Total Budget Requested: $1,920,153. (2022)
- ❖ Co-Principal Investigator, "NSF Engines: Type-1: Crisis and Disaster Innovation Engine" (with co-PI David Wild). NSF. Total Budget Requested: $1,000,000 (2022)
- ❖ Principal Investigator, "Cyber Governance: The Need for an Integrated Approach and Response to Emerging Threats." Cisco. Total IU Budget Requested: $71,749.00. (2022)
- ❖ Co-Principal Investigator, "Illiana Consortium for Intelligence and Critical Technology (IC2Tech)." Office of the Director of National Intelligence. Total Budget Requested: $196,317 (2022)
- ❖ Co-Principal Investigator, "DASS: Accountable, Modularized Software for Privacy," with Xiaojing Liao and Luyi Xing. National Science Foundation. Total Budget Requested: $750,000. (2022)
- ❖ Principal Investigator, "Establishing Best Practices for Combatting Misinformation and Disinformation in the Pacific: Lessons Learned from New Zealand, Australia, and Other Pacific Island Countries," with Abbey Stemler and Isak Nti Asare. The U.S. Embassy New Zealand Public Affairs Section (PAS) of the U.S. Department of State. Total Budget Requested: $100,000. (2021)
- ❖ Principal Investigator, "Polycentric Multilateralism: Reimagining the Roles of International Institutions in Space Governance and Beyond," with Eytan Tepper, Danielle Wood, & Jean-Frédéric Morin. Carnegie Endowment of New York. Total Budget Requested: $200,000.
- ❖ Co-Principal Investigator, "A 21st Century Model for University Partnerships with Rural America," with Lauren Robel and Lisa Amsler. Stronger Democracy Award. Total Budget Requested: $13,500,000. (2021)
- ❖ Principal Investigator, "Cultivating the Next-Generation of 'Cyber AI' Professionals: Reviewing the Present to Provide Recommendations for the Future," with Sagar Samtani, Apu Kapadia, and Von Welch. National Science Foundation. Total Budget Requested: $242,863. Funded: $242,863. (2021)
- ❖ Co-Principal Investigator, "Toward Cyber Peace: A Polycentric Approach to Modernizing Global Data Governance," with Angie Raymond (PI) and Isak Nti Asare (co-PI). Carnegie Endowment of New York. Total Budget Requested: $376,212. (2021)

- Principal Investigator, "Applied Cyber Education for Defense at Indiana University (ACED-IU)." STEM (Scalable STEM Activities), National Defense Education Program (NDEP) (HQ0034-21-S-F001). Total Budget Requested: $5,284,055. (2021).
- Principal Investigator, "National Survey of African Americans in Cybersecurity." Gula Tech Foundation (00666818). Total Budget Requested: $500,000. (2021).
- Principal Investigator, "Indiana University Cybersecurity ROTC Program." Office of Naval Research Navy ROTC Cybersecurity Training Program (N00014-19-S-F009). Total Budget Requested: $250,000. Funded: $250,000. (2020)
- Principal Investigator, "Global Cybersecurity Governance." Organization: Center for International Business Education and Research (CIBER). Total Budget Requested: $7,500. Funded: $7,500. (2020)
- Co-Principal Investigator, "The Polycentric Governance of Space Debris," with PI Jean-Frédéric Morin. Agency: Canadian Social Sciences and Humanities Research Council. Total Budget Requested: $200,000. Funded: $200,000. (2020)
- Principal Investigator, "The IU Cybersecurity Scholarship Program: Preparing the Next Generation of Cybersecurity Professionals," with co-PIs Prof. Apu Kapadia and Von Welch. Proposal Number: 006046700. Agency: National Science Foundation. Total Budget Requested: $2,076,583. (2019). Invited Response (2020). Funded: $2,250,000. (2020)
- Principal Investigator, "Protecting Critical Infrastructure: Global Challenge, Local Priority. A Midwest Cybersecurity Alliance to Promote Cyber Peace through Applied Service-Learning." Organization: Indiana Economic Development Corporation. Funded: $240,000. (2019)
- Principal Investigator, "Inside the Global Drive for Cyber Peace: Unpacking Implications for Practitioners & Policymakers." Organization: Microsoft Corporation. Funded: $25,000. (2019)
- Principal Investigator, "Managing the business cybersecurity risk of the future: The aging workforce analysis and development of recommendations for training and risk minimization." Organization: The Risk Institute at The Ohio State University Fisher College of Business. Funded: $15,000. (2019)
- Principal Investigator, "Understanding Diffusion and Clustering of Preferences in Cybersecurity Policy." Organization: Comcast Corp. Total Budget Requested: $28,857. (2019)
- Principal Investigator, "IU-ANU 2019 Making Democracy Harder to Hack Workshop in Canberra, Australia." Organization: IU Office of International Partnerships. Total Budget Requested: $5,000. Funded: $5,000. (2019)
- Principal Investigator, "IU-ANU 2018 Making Democracy Harder to Hack Workshop in Washington, DC." Organization: IU Vice President for Research. Total Budget Requested: $15,000. Funded: $15,000. (2019)
- Principal Investigator, "Global Cybersecurity Governance." Organization: Center for International Business Education and Research (CIBER). Total Budget Requested: $17,000. Funded: $17,000. (2019)
- Principal Investigator, "Protecting Critical Infrastructure: Global Challenge, Local Priority. A Midwest Cybersecurity Alliance to Promote Cyber Peace through Applied Service-Learning." Organization: Hewlett Foundation. Total Budget Requested: $680,738. Funded: $340,000. (2019)

- ❖ Principal Investigator, "Understanding Diffusion and Clustering of Preferences in Cybersecurity Policy." Organization: Microsoft Corporation. Total Budget Requested: $118,717.30. (2018)
- ❖ Principal Investigator, "Establishing a Cyber Supply Chain Assurance Model for Department of Defense IT Acquisitions," with co-PIs Von Welch, Prof. Steve Myers, Prof. Mark Janis, and Prof. Michael Mattioli. Proposal Number: WHS-AD-FOA-17-01. Agency: Department of Defense. Total Budget Requested: $1,159,937.00. (2018)
- ❖ Principal Investigator, "The IU Cybersecurity Scholarship Program: Preparing the Next Generation of Cybersecurity Professionals," with co-PIs Prof. Fred Cate, Prof. Steven Myers, and Von Welch. Proposal Number: 1663003. Agency: National Science Foundation. Total Budget Requested: $4,000,000.00. (2018)
- ❖ Principal Investigator, "The IU Cybersecurity Scholarship Program: Preparing the Next Generation of Cybersecurity Professionals," with co-PIs Prof. Fred Cate, Prof. Steven Myers, and Von Welch. Proposal Number: 1565470. Agency: National Science Foundation. Total Budget Requested: $4,058,808.00. (2017)
- ❖ Principal Investigator, "The Shareable Cybersecurity Clinic Toolkit: A Model for Applied, Interdisciplinary, and Portable Cybersecurity Collaboration," with co-PIs Prof. Fred Cate, Prof. Steven Myers, and Von Welch. Proposal Number: 1623456. Total Budget Requested: $500,000.00. (2017).

PROFESSIONAL SERVICE

- ❖ Advisory Committee Member, Better Business Bureau Institute for Marketplace Trust: Cybersecurity Guidelines (2018-Present)
- ❖ Chair, American Bar Association Corporate Social Responsibility Task Force Publications Committee (2014-Present)
- ❖ Observer, Hague International Space Resources Governance Working Group (2018-2020)
- ❖ Doctoral Dissertation External Examiner, Worku Ugessa, University of Oslo Faculty of Law (Sept. 11, 2019)
- ❖ External Review, Professor Adam Sulkowski Promotion Case (Babson College) (2020)
- ❖ Advisory Council Member, Indiana State University Cybersecurity Advisory Council (2021-)
- ❖ External Reviewer, Professor Tim Ravich Tenure Dossier (University of Central Florida) (2019)
- ❖ External Reviewer, Professor Nizan Packin Tenure Dossier (Baruch College) (2018)
- ❖ External Reviewer, Clinical Associate Professor Shontrai Irving (Purdue University Northwest) (2018)
- ❖ President, International Law Section, Academy of Legal Studies in Business (2015-16)
- ❖ Expert Peer Reviewer, *Tallinn 2.0 Manual* (2016)
- ❖ Stanford University Admissions Ambassador (2017-Present)
- ❖ Reviewer, University of Illinois Critical Infrastructure Resilience Institute Grant Program (2016, 2017)
- ❖ Founding Member, Cyber Peace Alliance (2017-)
- ❖ Expert Advisor, Cyber Peace Foundation (2017-)
- ❖ Contributor, Security Roundtable (2016-)
- ❖ Agenda Contributor, World Economic Forum (2017-)
- ❖ Content Consultant, *Big Data and Privacy Rights* (M. M. Eboch, Abdo Publishing, 2016)
- ❖ Invited Expert Adviser, Election Verification Network (2016-Present)

- ❖ Adviser & Founding Member, Cyber Peace Foundation (2017-Present)
- ❖ Reviewer, Fulbright Junior Advanced Research Award (2016)
- ❖ Reviewer, Department of Homeland Security Cybersecurity Critical Infrastructure Center of Excellence Competition (2014-15)
- ❖ Vice President, International Law Section, Academy of Legal Studies in Business (2014-15)
- ❖ Secretary, International Law Section, Academy of Legal Studies in Business (2013-14)
- ❖ Expert Adviser, RAND Corporation Industrial Espionage Study (2015)
- ❖ Expert Adviser, Florida Cybersecurity Initiative (2015)
- ❖ Co-organizer, Malta Internet as a Global Public Resource Conference (Apr. 2015)
- ❖ Submissions Chair, Ralph Bunche Award (2015)
- ❖ Reviewer, Academy of Legal Studies in Business Ralph Bunche Award (2014)
- ❖ Reviewer (Article), *Global Governance: A Review of Multilateralism and International Organizations*
- ❖ Reviewer, *Journal of Cyber Policy*
- ❖ Reviewer, *Journal of Cybersecurity*
- ❖ Reviewer, *Journal of Business Ethics*
- ❖ Reviewer, *Institute of Electrical and Electronics Engineers (IEEE) Access Journal*
- ❖ Reviewer, *International Journal of the Commons*
- ❖ Reviewer, *Governance*
- ❖ Reviewer, *National Bureau of Asian Research*
- ❖ Reviewer, *Security Studies*
- ❖ Reviewer, *The Royal Institute of International Affairs Chatham House Information Security Project*
- ❖ Reviewer, *Georgetown Journal of International Affairs*
- ❖ Reviewer, *American Business Law Journal*
- ❖ Reviewer, *European Journal of International Law*
- ❖ Reviewer, *Jurimetrics*
- ❖ Reviewer, Cambridge University Press
- ❖ Reviewer, MIT Press
- ❖ Reviewer, Oxford University Press
- ❖ Reviewer, Elsevier Press
- ❖ Reviewer, Brill Nijhoff Publishers
- ❖ Reviewer, Hart Publishers
- ❖ Reviewer, University of Toronto Press
- ❖ Reviewer, George Mason University Mercatus Center
- ❖ Editorial Board, *Journal of Space Law and Policy* (2014-Present)
- ❖ Participant, Institute of Electrical and Electronics Engineers Cybersecurity Committee
- ❖ Scholar, Global Internet Governance Academic Network (GigaNet)

PROFESSIONAL MEMBERSHIPS

- ❖ Member, International Association for the Study of the Commons
- ❖ Term Member, Council on Foreign Relations
- ❖ Member, Academy of Legal Studies in Business
- ❖ Member, American Society of International Law
- ❖ Member, American Political Science Association
- ❖ Member, American Bar Association

BAR ADMISSION

California (2013) (*Inactive*)

SCIENCE WRITING

FREELANCE SCIENCE WRITER (Oct. 2006-Present)
- ❖ Wrote pieces on topics in astronomy, space exploration, and astrophysics for outlets such as *Stanford Magazine* and the *Indiana Alumni Magazine*

INDIANA UNIVERSITY MEDIA RELATIONS
Science Writer Intern, (May-Oct. 2005)   Bloomington, IN
- ❖ Reported on stories pertaining to space, energy, health and transportation policy as well as foreign affairs

INDIANAPOLIS STAR
Reporter Intern, (Aug. 2000-Aug. 2001)   Indianapolis, IN
- ❖ Researched and wrote bi-weekly articles publicizing community events in Indianapolis

ADDITIONAL INFORMATION

- ❖ Proficient in Spanish, and have taken coursework in Hindi and Mandarin; science journalist; marathon runner; avid kayaker, and jazz trumpet player.