

The Wharton School, University of Pennsylvania  
Internet Law, Privacy, and Cybersecurity (Spring 2021)  
LGST 222 (Cross-listed OIDD 222)

### **Overview**

This course examines the complex and often novel legal issues surrounding the development and current state of the Internet, information privacy, and cybersecurity. Topics include federal- and state-level regulation and enforcement of Internet and privacy legal concepts, data breaches, online privacy protections, how to legally manage a borderless Internet, and the liability of intermediaries such as network operators, social media services, and search engines.

### **Instructor**

Leeza Garber, Esq.

Leeza Garber is an expert on the legal developments in the fields of cybersecurity and privacy. She is an attorney and consultant, and has published works on election integrity, cybersecurity in healthcare, net neutrality, cybersecurity threat sharing, digital forensic investigations, remote learning, and privacy during the pandemic. Leeza speaks at conferences and seminars across the United States, including for the National Initiative for Cybersecurity Education, American Bar Association, the Pennsylvania Bar Institute, the International Legal Technology Association, and the Association of Corporate Counsel. She appears regularly as an analyst for national televised news to comment on issues relating to the intersection of law, technology, and information privacy, including big data, social media, data breaches, hackers, and privacy legislation.

Leeza is a graduate of the University of Pennsylvania Law School, received a certification in Business and Public Policy from The Wharton School, and is a *cum laude* graduate of Bryn Mawr College.

### **Materials**

(1) James Grimmelman, *Internet Law: Cases and Materials*, 9<sup>th</sup> Ed. (Semaphore Press 2019)  
Available for download as a PDF at <http://internetcasebook.com/>. A printed version can also be obtained from [Amazon.com](https://www.amazon.com) at a higher price. Note: Semaphore Press lets you choose your price. Please pay the \$30 suggested price (which is a fantastic deal), if you want more faculty to publish affordable, high-quality course materials.

(2) Daniel J. Solove & Paul M. Schwartz, *Privacy Law Fundamentals* 2019 (IAPP)

### **Learning Objectives**

The goal of the course is to familiarize you with major legal and public policy debates involving the Internet, privacy, and cybersecurity. At the end of the semester, you should have an understanding of:

- How the development of the Internet continues to pose new questions for governments, courts, and other legal actors;
- The major substantive areas of Internet law, and how they have been addressed;
- How information privacy law has been impacted by the rise of new technologies; and
- How the concept of cybersecurity interacts with the moving target of Internet and privacy law.

The course is based on U.S. law, although we will discuss international comparisons and controversies. You're not in law school, so there is no expectation regarding previous coursework, legal training, or career objectives. However, we will be reading court cases and other legal documents to understand the current state of the law. I will spend time early in the course going over how to understand these materials.

**Please note: This course will be taught in a synchronous manner online due to the pandemic. There will be a break provided midway through the three-hour class. Participation matters.**

## **Teaching Philosophy**

We are in this together. I will do my best to facilitate a valuable learning experience, and I expect you to take the class seriously and to contribute actively. I welcome your feedback and questions. Don't hesitate to contact me via email, or schedule a time for a phone call or meeting. This class will include active and collaboration learning. I've found that passively listening to a lecture is not the best way to learn - let's interact, discuss, and make the most of our time in the classroom. Additionally, this course exemplifies an actively changing field: reading assignments may change to reflect current news.

## **Requirements and Grading**

Your grade will be based on the following factors:

### Mid-Term Exam (35%)

The midterm will include short answer and essay questions covering the topics addressed to that point.

### Final Paper (40%)

The final paper is described below.

### Class Participation (25%)

Your participation score will reflect your overall contribution to the class during the semester.

Late assignments will receive a deduction of 25% for each day. (A new "day" begins 30 minutes after the official deadline.) If you believe you will not be able to submit an assignment on time, please speak with me before the assignment is due. I will consider requests for extension based on the specific circumstances involved.

## **Class Format and Participation**

This is not a lecture course. Most class sessions will be discussion-based, although there will also be small-group activities. Much of the time, key points of law will be developed through interactive conversation about the cases or materials we cover. Class participation is your responsibility, it counts towards your grade and will help you retain the information, so: prepare. Read the required materials before class, take notes, raise your hand, ask questions, and offer comments that show engagement with the course concepts. Students may be cold-called in class, simply to engage as many of you as possible in the discussion. The more you participate proactively, the less likely you are to be cold-called.

Due to the online nature of the course this semester, I will allow participation on the course page discussion board as well. These posts should be at least one full paragraph of thoughtful analysis.

The Grimmelmann text includes questions after most sections. If I want you to prepare answers to these, I will call it out in the syllabus. Additionally, both the Grimmelmann and Solove texts reference legal cases that we will discuss. It is important to outline or "brief" these cases in advance of class - I will explain the process further in class, but here is the basic idea:

- (a) Facts (background, case name, parties)
- (b) Issues (what is in dispute)
- (c) Holding (the applied rule of law)
- (d) Rationale (reasons for the holding)

## **Attendance and Classroom Expectations**

I want to get to know you! Please arrive on time and display your name tent each day. Attendance is a key part of this course experience (for learning and for your grade).

You do not need to email me to explain unexcused absences (i.e., those not involving a medical issue, obligatory university/athletic trip, or family/personal emergency). If you think your absence should be excused, please email me an explanation and, where possible, documentation. You do not need to use the Penn Course Absence Reporting system. I understand that you will sometimes miss class for understandable reasons, like recruiting. There is no way to “make up” a class. However, if you contribute actively during the semester, missing one session is unlikely to have a materially negative effect on your participation grade. Remember, this class only meets once per week.

### **Paper Assignment**

There is one required paper in this class, your final assignment. It will be a research paper, requiring you to discuss relevant materials from the class, and finding and incorporating outside sources, such as articles and white papers. You will be expected to develop an argument surrounding a thoughtful thesis. The prompt will be distributed during week nine of class.

→ Format and Length

The paper should be between eight and ten pages, double-spaced, not counting a cover page or bibliography. You do not need to follow a specific format. However, any source you quote or rely on, whether from the course readings or outside materials, should have a reference. This may take the form of a footnote, or an in-line parenthetical (e.g. Pasquale, 2015) with a bibliography at the end. Every statement based on a source should reference that source.

→ Grading

Your paper will be graded based on the following criteria:

- Quality of analysis: The paper demonstrates thorough research and reflection. It makes a convincing argument and addresses potential objections.
- Course support: The paper illustrates its points with concepts or examples covered in the course, and does so accurately.
- Research: The paper cites to outside research materials, and uses them effectively to buttress its arguments.
- Creativity: The paper is original, interesting, and presented in an engaging manner.
- Organization and style: The paper has a logical structure. It uses professional grammar, spelling, and punctuation.

### **Current Developments & Schedule**

This is a course centered around the Internet - so use it! Our syllabus is open to change depending on the latest developments (and there will likely be many). Use the Internet as the rich resource it can be: find related articles, new updates, and challenging ideas to enhance your experience in the class.

January 20	<p><b>Defining Internet Law (Week 1)</b>  Topics: Cyberspace, Jurisdiction, Territoriality  ***Complete the Below Prior to Class on 1/20***  <u>Assignment</u>  1. Grimmelman, pp. 53-87, 91-113 [Prepare Questions pp. 79, 87]</p>
January 27	<p><b>Defining Information Privacy (Week 2)</b>  Topics: Consumer Privacy, Government Regulation, Privacy Policies  ***Complete the Below Prior to Class on 1/27***  <u>Assignment</u>  1. Solove, pp. 69, 74-84, 111-112, 131-148, 152-160, 174-184  1. Grimmelman, pp. 263-69, 281-87 [Prepare questions pp. 269; 286-87]  2. Stanford Tech Law Review, "Privacy, Notice, and Design"  <a href="https://www-cdn.law.stanford.edu/wp-content/uploads/2018/01/Waldman_FINAL-Formatted-011818.pdf">https://www-cdn.law.stanford.edu/wp-content/uploads/2018/01/Waldman_FINAL-Formatted-011818.pdf</a></p>
February 3	<p><b>Defining Cybersecurity (Week 3)</b>  Topics: Data Breaches, Data Security  ***Complete the Below Prior to Class on 2/3***  <u>Assignment</u>  1. Solove, pp. 189-190, 198-207  2. JD Supra, "Navigating the 50-State Patchwork of Data Breach Laws"  <a href="https://www.jdsupra.com/legalnews/navigating-the-50-state-patchwork-of-22733/">https://www.jdsupra.com/legalnews/navigating-the-50-state-patchwork-of-22733/</a>  3. NIST, "Framework for Improving Critical Infrastructure Cybersecurity"  <a href="https://nvlpubs.nist.gov/nistpubs/CSWP/NIST.CSWP.04162018.pdf">https://nvlpubs.nist.gov/nistpubs/CSWP/NIST.CSWP.04162018.pdf</a>  4. Wired, "Equifax's Security Overhaul, a Year After Its Epic Breach"  <a href="https://www.wired.com/story/equifax-security-overhaul-year-after-breach/">https://www.wired.com/story/equifax-security-overhaul-year-after-breach/</a>  5. Foley &amp; Lardner, "Supreme Court Will Not Look at <i>Spokeo</i> Again"  <a href="https://www.foley.com/en/insights/publications/2018/02/supreme-court-will-not-look-at-spokeo-again-leavin">https://www.foley.com/en/insights/publications/2018/02/supreme-court-will-not-look-at-spokeo-again-leavin</a></p>
February 10	<p><b>Speech on the Internet (Week 4)</b>  Topics: First Amendment, Hate Speech, Responsibility  ***Complete the Below Prior to Class on 2/10***  <u>Assignment</u>  1. Solove, p. 26  2. Grimmelman, pp. 119-120, 133-136, 142-144, 146-148, 184, 186-192 [Prepare Questions pp. 135, 147,192 ]</p>

	<p>3. Harvard Law Review, “The New Governors”  <a href="https://harvardlawreview.org/wp-content/uploads/2018/04/1598-1670_Online.pdf">https://harvardlawreview.org/wp-content/uploads/2018/04/1598-1670_Online.pdf</a> (pp. 1603-1615)</p>
February 17	<p><b>Speech on the Internet Continued (Week 5)</b></p> <p>Topics: Harassment, Defamation, &amp; Invasion of Privacy  ***Complete the Below Prior to Class on 2/17***</p> <p><u>Assignment</u></p> <ol style="list-style-type: none"> <li>1. Grimmelman, pp. 151-157, 175-180, [Prepare Questions pp. 154-155, 179-180]</li> <li>2. Solove, pp. 17-25</li> <li>3. The Washington Post, “Is Revenge Porn Protected Speech? Lawyers Weigh In, and Hope For a Supreme Court Ruling”  <a href="https://www.washingtonpost.com/nation/2019/12/26/is-revenge-porn-protected-speech-supreme-court-may-soon-weigh/">https://www.washingtonpost.com/nation/2019/12/26/is-revenge-porn-protected-speech-supreme-court-may-soon-weigh/</a></li> </ol>
February 24	<p><b>Social Media (Week 6)</b></p> <p>Topics: Regulating Social Media, Cambridge Analytica  ***Complete the Below Prior to Class on 2/24***</p> <p><u>Assignment</u></p> <ol style="list-style-type: none"> <li>1. Grimmelman, pp. 543-548 [Prepare Questions pp. 547-48]</li> <li>2. Wired, “Should Big Tech Own Our Personal Data?”  <a href="https://www.wired.com/story/should-big-tech-own-our-personal-data/">https://www.wired.com/story/should-big-tech-own-our-personal-data/</a></li> <li>3. Slate, “There’s a New Bill to Regulate Facebook and Google’s Data Collection”  <a href="https://slate.com/technology/2018/04/the-new-bill-to-regulate-facebook-and-googles-data-might-actually-do-the-trick.html">https://slate.com/technology/2018/04/the-new-bill-to-regulate-facebook-and-googles-data-might-actually-do-the-trick.html</a></li> <li>4. FTC, “Facebook Settles FTC Charges That It Deceived Consumers By Failing to Keep Privacy Promises”  <a href="https://www.ftc.gov/news-events/press-releases/2011/11/facebook-settles-ftc-charges-it-deceived-consumers-failing-keep">https://www.ftc.gov/news-events/press-releases/2011/11/facebook-settles-ftc-charges-it-deceived-consumers-failing-keep</a></li> <li>5. Wired, “What Would Regulating Facebook Look Like?”  <a href="https://www.wired.com/story/what-would-regulating-facebook-look-like/">https://www.wired.com/story/what-would-regulating-facebook-look-like/</a></li> <li>6. Facebook, “Online Content Regulation”  <a href="https://about.fb.com/wp-content/uploads/2020/02/Charting-A-Way-Forward_Online-Content-Regulation-White-Paper-1.pdf">https://about.fb.com/wp-content/uploads/2020/02/Charting-A-Way-Forward_Online-Content-Regulation-White-Paper-1.pdf</a></li> </ol>
March 3	<b>EXAM #1 - DURING CLASS (Week 7)</b>
March 10	<b>NO CLASS - SPRING BREAK</b>

<p>March 17</p>	<p><b>Anonymity (Week 9)</b>  Topics: Dark Net, Tor, Deep Fakes  ***Complete the Below Prior to Class on 3/17***  <u>Assignment</u>  1. Grimmelman, pp. 256-263, 668-674  2. Wired, “Silkroad: The Untold Story”  <a href="https://www.wired.com/2015/05/silk-road-untold-story/">https://www.wired.com/2015/05/silk-road-untold-story/</a>  3. The Hill, “Lawmakers Voice Skepticism Over Facebook’s Deepfake Ban”  <a href="https://thehill.com/policy/technology/477358-lawmakers-voice-skepticism-over-facebooks-deepfake-ban">https://thehill.com/policy/technology/477358-lawmakers-voice-skepticism-over-facebooks-deepfake-ban</a>  4. Tor, “About: History”  <a href="https://www.torproject.org/about/history/">https://www.torproject.org/about/history/</a></p>
<p>March 24</p>	<p><b>Wrongful Access...on the Internet (Week 10)</b>  Topics: Trespass to Chattels, Computer Misuse (CFAA), Hacking  ***Complete the Below Prior to Class on 3/25***  <u>Assignment</u>  1. Grimmelman, pp. 301-342 [Prepare Questions pp. 329-30]  2. Solove, pp. 158-160  3. Southwire Company v. John Doe Complaint,  <a href="https://drive.google.com/file/d/1IIZcHsgw1JB4zTm3Gop03XtMiUiCqXh1/view">https://drive.google.com/file/d/1IIZcHsgw1JB4zTm3Gop03XtMiUiCqXh1/view</a>  4. American Bar Association, “Federal Anti-Hacking Law Turns 35”  <a href="http://www.abajournal.com/web/article/federal-anti-hacking-law-is-35-years-old">http://www.abajournal.com/web/article/federal-anti-hacking-law-is-35-years-old</a></p>
<p>March 31</p>	<p><b>Trademark, Copyright &amp; Patent...on the Internet (Week 11)</b>  Topics: Domain Names, Fair Use, Digital Rights  <i>This is a very complex week of readings - the class will be split into three parts, each assigned one aspect of the week’s assignments, and will present to each other.</i>  ***Complete the Below Prior to Class on 3/31***  <u>Assignment</u>  1. Grimmelman, pp. 344-380, bottom 387-393, 398-407, 411-442, 448-452, 457-474, 482-495, 496, bottom 502-511 [Prepare Questions pp. 404-05, 415-16, 431 (ZapChat), 452, 473-74, 483, 506, 510]</p>
<p>April 7</p>	<p><b>Fourth &amp; Fifth Amendments (Week 12)</b>  Topics: Government Access, Surveillance, Searches &amp; Seizures  ***Complete the Below Prior to Class on 4/7***  <u>Assignment</u>  1. Solove, pp. 36-39  2. Grimmelman, pp. 208-255 [Prepare Questions pp. 220, 237]</p>

	<p>3. Harvard Law Review, “Cooperation or Resistance? The Role of Tech Companies in Government Surveillance”  <a href="https://harvardlawreview.org/2018/04/cooperation-or-resistance-the-role-of-tech-companies-in-government-surveillance/">https://harvardlawreview.org/2018/04/cooperation-or-resistance-the-role-of-tech-companies-in-government-surveillance/</a></p>
<p>April 14</p>	<p><b>Internet-Connected Everything (Week 13)</b>  Topics: Internet of Things, Big Data  ***Complete the Below Prior to Class on 4/14***  <u>Assignment</u></p> <ol style="list-style-type: none"> <li>1. HBR, “Why Google’s Move into Patient Information is a Big Deal”  <a href="https://hbr.org/2019/11/why-googles-move-into-patient-information-is-a-big-deal">https://hbr.org/2019/11/why-googles-move-into-patient-information-is-a-big-deal</a></li> <li>2. NY Times, “Can ‘Big Data’ Help Fight Big Fires?”  <a href="https://www.nytimes.com/2019/06/24/us/wildfires-big-data-california.html">https://www.nytimes.com/2019/06/24/us/wildfires-big-data-california.html</a></li> <li>3. HBR, “Accelerating the Internet of Things Timeline”  <a href="https://hbr.org/resources/pdfs/comm/siemens/Acceleratingtheiot.pdf">https://hbr.org/resources/pdfs/comm/siemens/Acceleratingtheiot.pdf</a></li> <li>4. InfoWorld, “Your Smart Fridge May Kill You: The Dark Side of IoT”  <a href="https://www.infoworld.com/article/3176673/your-smart-fridge-may-kill-you-the-dark-side-of-iot.html">https://www.infoworld.com/article/3176673/your-smart-fridge-may-kill-you-the-dark-side-of-iot.html</a></li> <li>5. Engadget, “Florida Police Obtain Alexa Recordings in Murder Case”  <a href="https://www.engadget.com/2019/11/02/florida-police-obtain-alexa-recordings-in-murder-case/">https://www.engadget.com/2019/11/02/florida-police-obtain-alexa-recordings-in-murder-case/</a></li> </ol>
<p>April 21</p>	<p><b>Privacy All Over the World (Week 14)</b>  Topics: GDPR, Google/Apple in China  ***Complete the Below Prior to Class on 4/21***  <u>Assignment</u></p> <ol style="list-style-type: none"> <li>1. Solove, pp. 255-258</li> <li>2. Grimmelman, pp. 288-301, 533-539 [Prepare Questions p. 539]</li> <li>3. Wired, “Apple’s Good Intentions on Privacy Stop at China’s Borders”  <a href="https://www.wired.com/story/apple-china-censorship-apps-flag/">https://www.wired.com/story/apple-china-censorship-apps-flag/</a></li> <li>4. HBR, “GDPR and the End of the Internet’s Grand Bargain”  <a href="https://hbr.org/2018/04/gdpr-and-the-end-of-the-internets-grand-bargain">https://hbr.org/2018/04/gdpr-and-the-end-of-the-internets-grand-bargain</a></li> </ol>
<p>April 28</p>	<p><b>Unique Digitized Identifiers (Week 15)</b>  Topics: Biometric Data, Genetic Databases  ***Complete the Below Prior to Class on 4/28***  <u>Assignment</u></p>

1. Solove, pp. bottom 236-top 237
2. JD Supra, “Google Sued Under Illinois BIPA”  
<https://www.jdsupra.com/legalnews/google-sued-under-illinois-biometric-79238/>
3. Harvard Law, “Illinois Supreme Court Interprets Illinois Biometric Privacy Act”  
<https://jolt.law.harvard.edu/digest/rosenbach-v-six-flags-illinois-supreme-court-interprets-illinois-biometric-privacy-law>
4. Time, “A Major Drug Company Now Has Access to 23 and Me’s Genetic Data. Should You Be Concerned?”  
<https://time.com/5349896/23andme-glaxo-smith-kline/>
5. American Bar Association, “Developing Laws Address Flourishing Commercial Use of Biometric Information”  
[https://www.americanbar.org/groups/business\\_law/publications/blt/2016/05/08\\_claypoole/](https://www.americanbar.org/groups/business_law/publications/blt/2016/05/08_claypoole/)
6. Illinois General Assembly, Biometric Information Privacy Act”  
<http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=3004&ChapterID=57>
7. Bloomberg Law, “Biometric Privacy Litigation: The Next Class Action Battleground”  
<https://biglawbusiness.com/biometric-privacy-litigation-the-next-class-action-battleground/>
8. FTC, “FTC Recommends Best Practices for Companies That Use Facial Recognition Technologies”  
<https://www.ftc.gov/news-events/press-releases/2012/10/ftc-recommends-best-practices-companies-use-facial-recognition>

**May 4: Final Paper Due**