

## Lawyers, Guns and Money:

An Introduction to Legal,  
Government, and Business  
Research



Tracy Z. Maleeff / @InfoSecSherpa

# Agenda

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1. Introduction
2. Key points about doing research
3. Legal research basics
4. Government research basics
5. Business/financial research basics
6. Wrap-Up / Q & A
7. Prize giveaway



# Disclaimer

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...belong to me, not my employer or any other group to which I'm affiliated

# Managing Your Expectations

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- What this talk is *not*
  - A comprehensive deep-dive
- What this talk *is*
  - OSINT Speed Dating!





# Street Cred

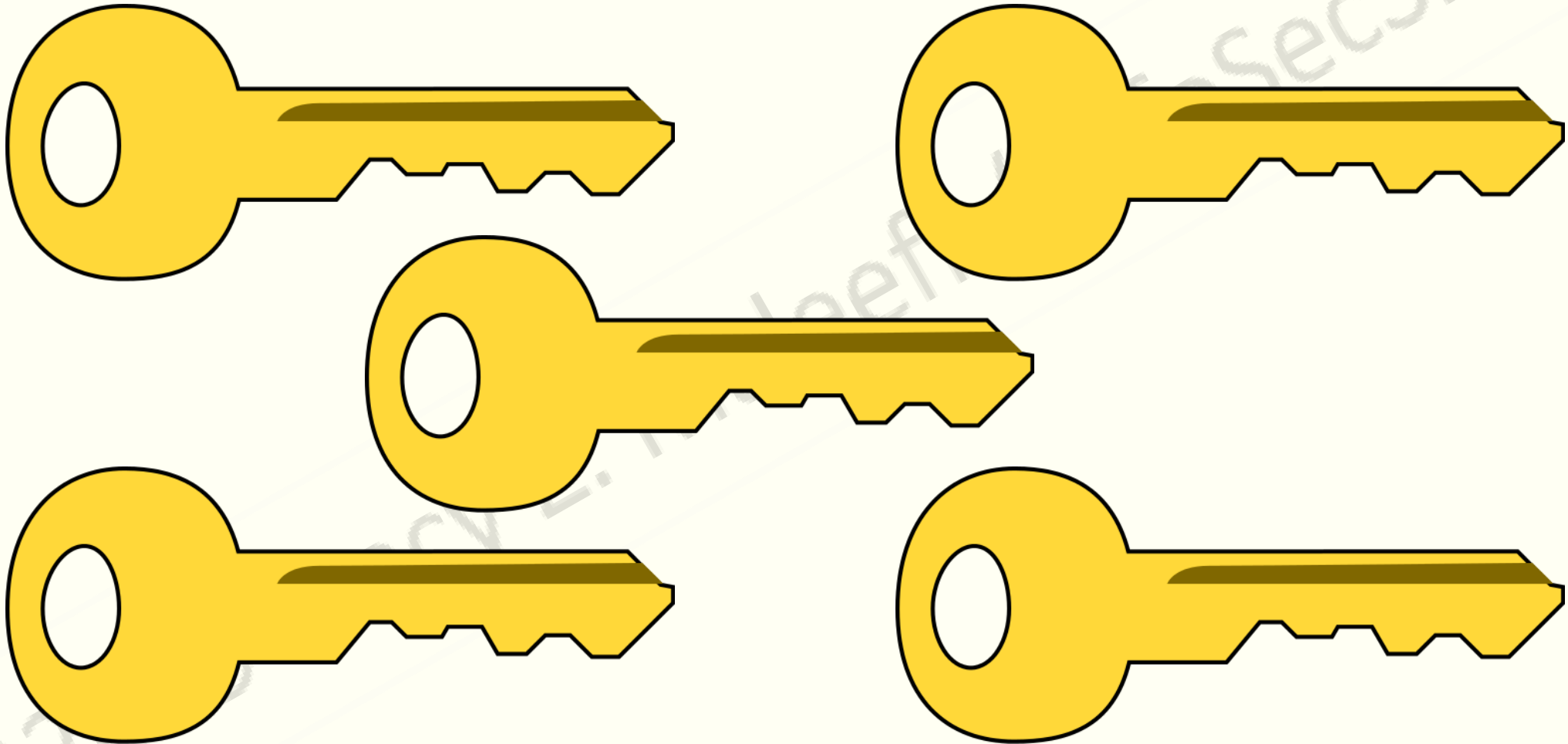
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- Master of Library and Information Science
  - University of Pittsburgh
- 15 years as a librarian
- GIAC SANS-GSEC cert
- SOC Analyst

# Five Key Research Points

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Key Research Point #1:

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# Provenance

Key Research Point #2:

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# Admissibility



Key Research Point #3:

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# Citations

## Key Research Point #4:

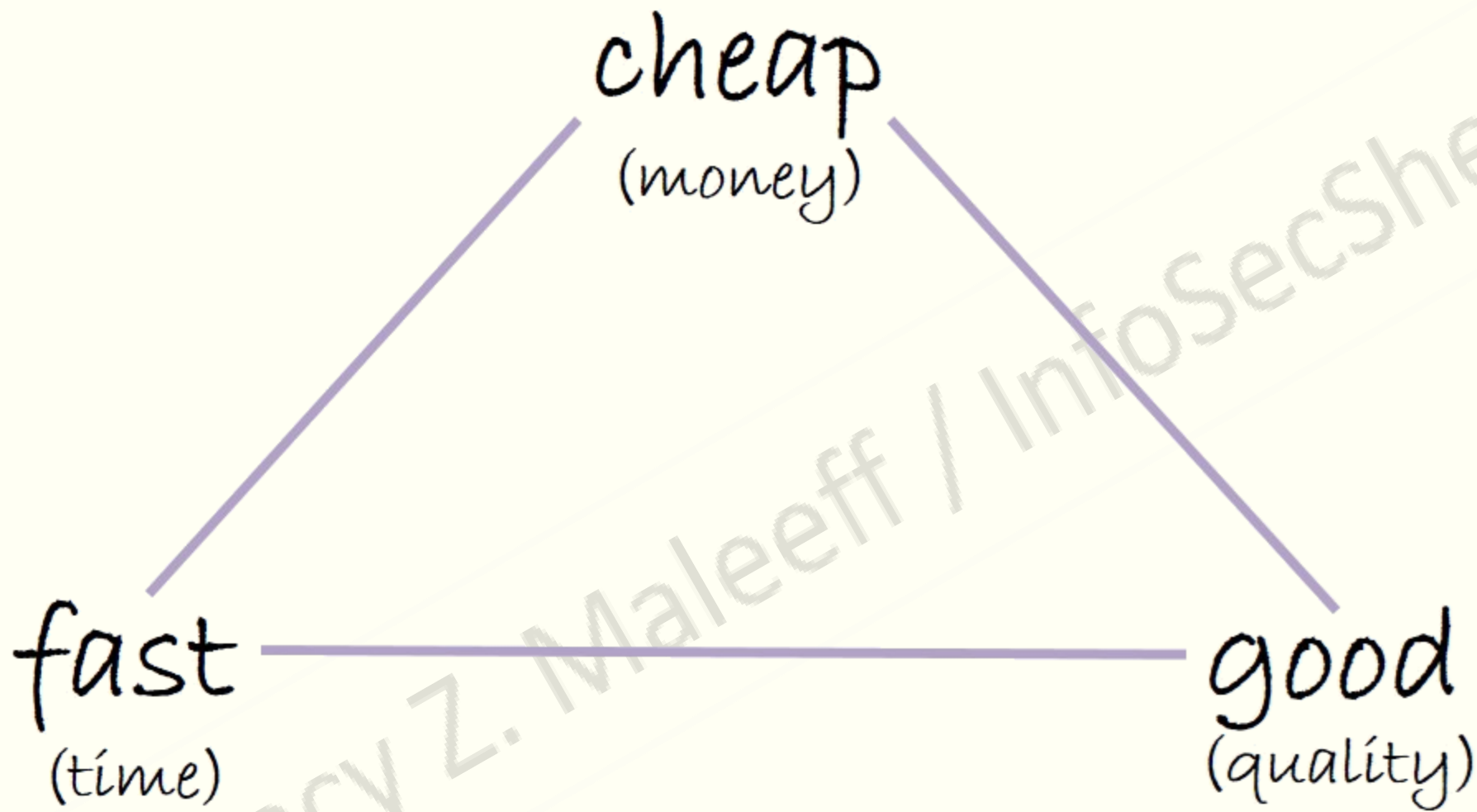
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\$ £ € ¥

## Key Research Point #5:

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The Quality Triangle:  
Pick Two

# Beginner's Legal Research

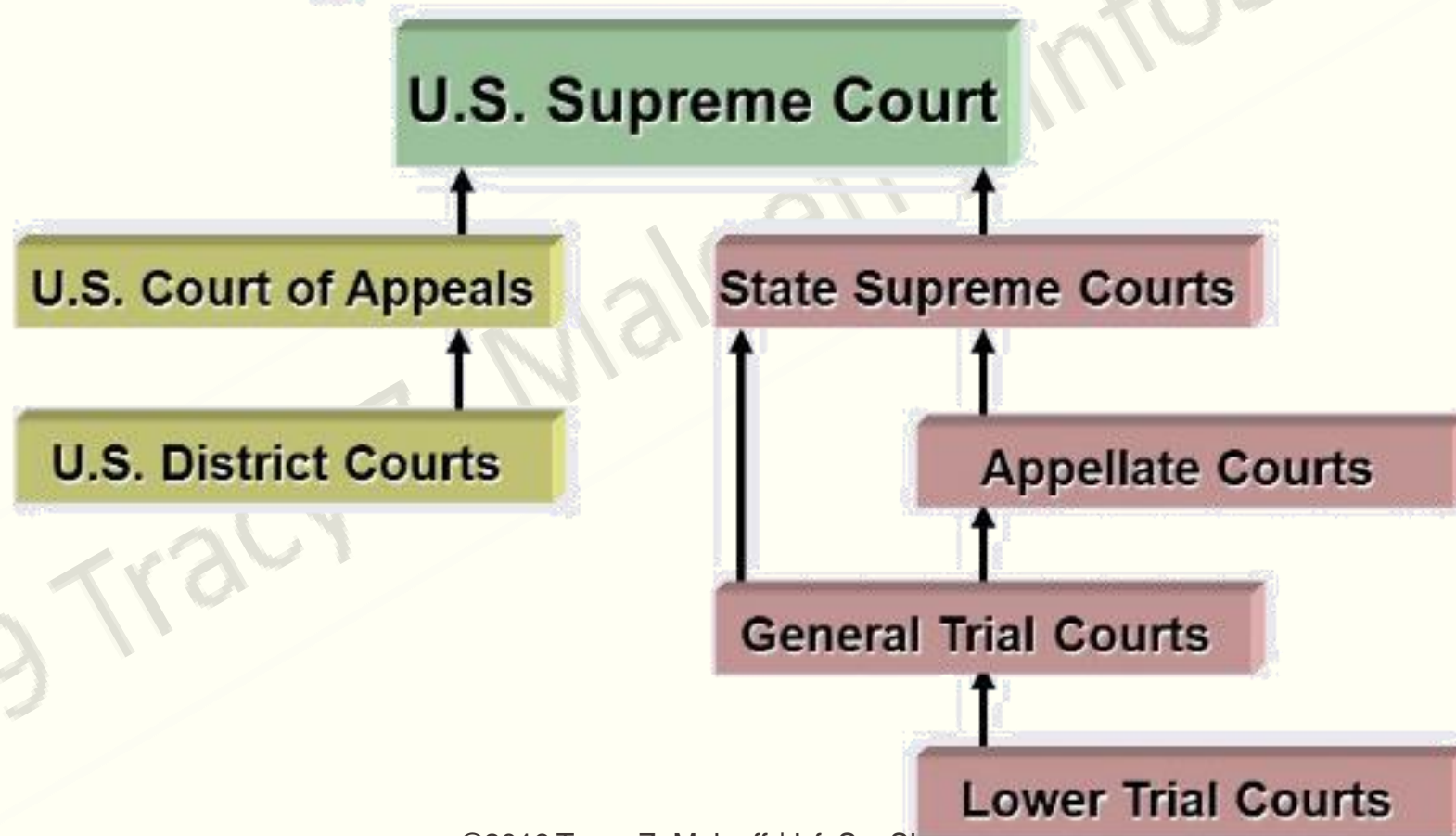


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Let's keep it simple!

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## Court Systems in the United States





# Jurisdiction

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“The differences between federal and state courts are defined mainly by *jurisdiction*.

*Jurisdiction* refers to the kinds of cases a court is authorized to hear.”

Source: [Findlaw](#)

## Federal vs. State Courts - Key Differences via [FindLaw](#)

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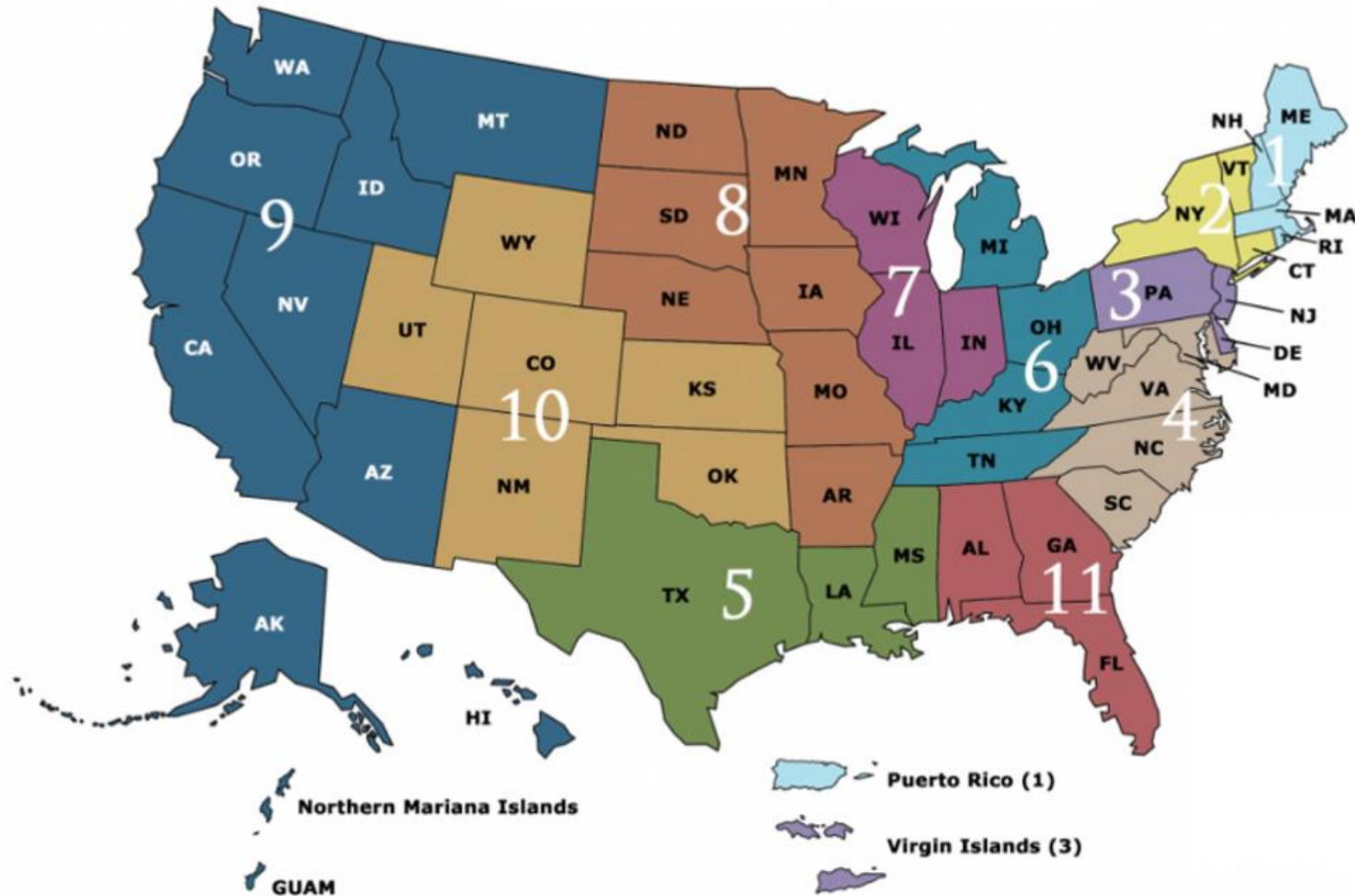
- Federal Courts:
  - Cases in which the United States is a party;
  - Cases involving violations of the U.S. Constitution or federal laws;
  - Cases between citizens of different states over \$75,000; and
  - Bankruptcy, copyright, patent, and maritime law cases.

# Federal vs. State Courts - Key Differences via [FindLaw](#)

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- State Courts:
  - Robberies
  - Traffic violations
  - Broken contracts
  - Family disputes
  - and similar
  
- *Note:* In some cases, both federal and state courts have jurisdiction.

# U.S. Circuit Courts (Appellate Courts)



# Regional Reporters Cheat Sheet

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Regional Reporter	State Coverage
Atlantic	Connecticut, Delaware, District of Columbia, Maine, Maryland, New Hampshire, New Jersey, Pennsylvania, Rhode Island, Vermont
North Eastern	Illinois, Indiana, Massachusetts, New York, Ohio
North Western	Iowa, Michigan, Minnesota, Nebraska, North Dakota, South Dakota, Wisconsin
Pacific	Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nevada, New Mexico, Oklahoma, Oregon, Utah, Washington, Wyoming
South Eastern	Georgia, North Carolina, South Carolina, Virginia, West Virginia
South Western	Arkansas, Kentucky, Missouri, Texas, Tennessee
Southern	Alabama, Florida, Louisiana, Mississippi

# Pop Quiz! Reading Legal Citations

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Miranda v. Arizona, 384 U.S. 436 (1966)

Universal City Studios, Inc. v. Corley, 273 F.3d 429 (2d Cir. 2001)

Watkins v. Alvey, 549 N.E.2d 74 (Ind. Ct. App. 1990)



# The Answers! Reading Legal Citations

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Miranda v. Arizona, 384 U.S. 436 (1966)

- *Made the “Miranda warning” part of routine police procedure to inform suspects of their rights under the U.S. Constitution*

Universal City Studios, Inc. v. Corley, 273 F.3d 429 (2d Cir. 2001)

- *Challenged the constitutionality of the Digital Millennium Copyright Act*

Watkins v. Alvey, 549 N.E.2d 74 (Ind. Ct. App. 1990)

- *Violation of the Indiana Deceptive Consumer Act, involving pyramid schemes*

## Bonus! Reading Legal Citations

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Stella Liebeck v. McDonald's Restaurants, P.T.S., Inc.  
and McDonald's Int'l, Inc.

1994 Extra LEXIS 23 (Bernalillo County, N.M. Dist. Ct. 1994)  
1995 WL 360309 (Bernalillo County, N.M. Dist. Ct. 1994)

# Recommended reading

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## How to Read a Legal Opinion: A Guide for New Law Students

*11 The Green Bag 2d 51 (2007).*

16 Pages • Posted: 16 Jul 2008 • Last revised: 9 Mar 2018

[Orin S. Kerr](#)

University of Southern California Gould School of Law

Date Written: 2007

### Abstract

This essay is designed to help new law students prepare for the first few weeks of class. It explains what judicial opinions are, how they are structured, and what law students should look for when reading them.

[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1160925](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1160925)

# Legal Information Institute (LII) – law.cornell.edu

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## LEGAL RESOURCES

### PRIMARY SOURCES

- Constitution · U.S. Code · C.F.R. · Supreme Court · Federal Rules · State law resources
- State statutes by topic · U.C.C. · Uniform laws · World law

### ORIGINAL CONTENT

- Wex legal encyclopedia · CRS Annotated Constitution · LII Supreme Court Bulletin · Introduction to Basic Legal Citation
- Table of Popular Names · Parallel Table of Authorities

### LEARN ABOUT

- Civics · Constitutional law · Intellectual Property · Corporations · Real Estate Law · Consumer Protection
- Administrative Law · Legislation · Courts and procedure

### LEGAL TOPICS

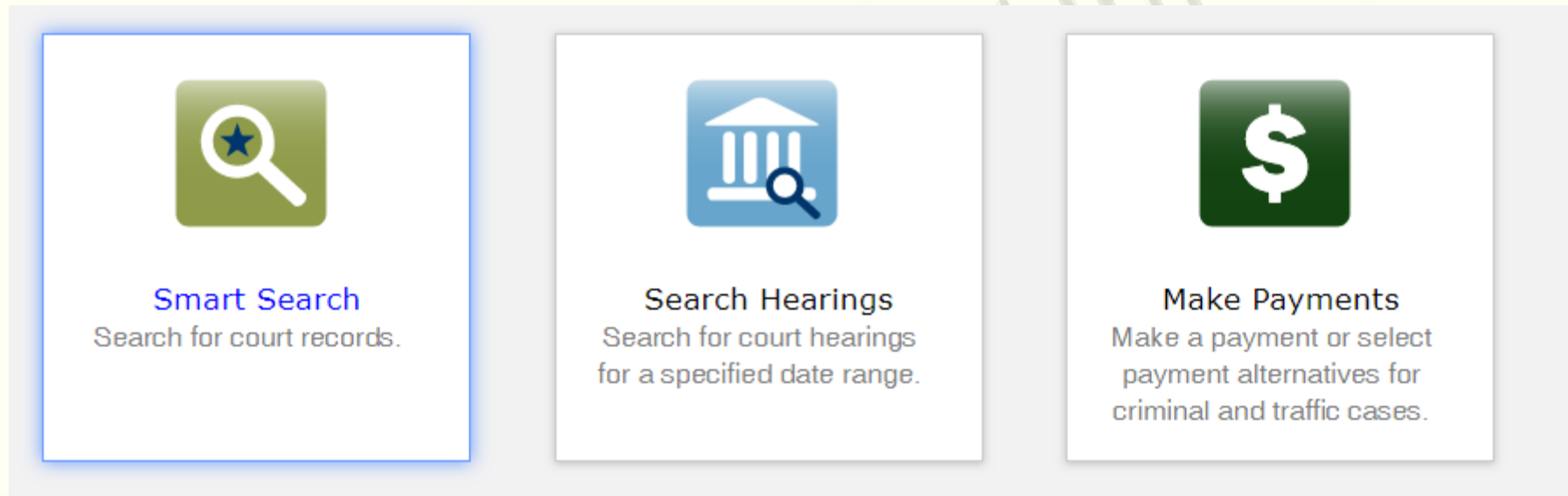
- Business law · Criminal law · Family law · Employment law · Immigration Law · Landlord/Tenant
- Personal Injury · Estate Planning · Money and Finances



# Local jurisdiction court cases

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## Rhode Island Judiciary Public Portal

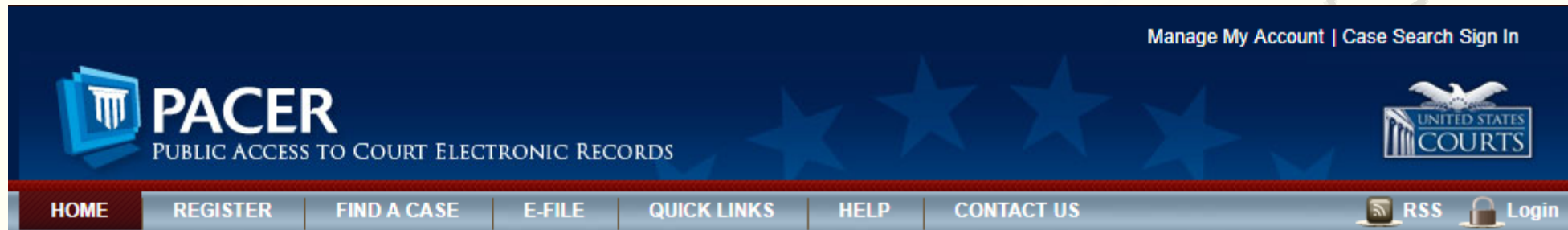


<https://publicportal.courts.ri.gov/PublicPortal>



# Public Access to Court Electronic Records (PACER.gov)

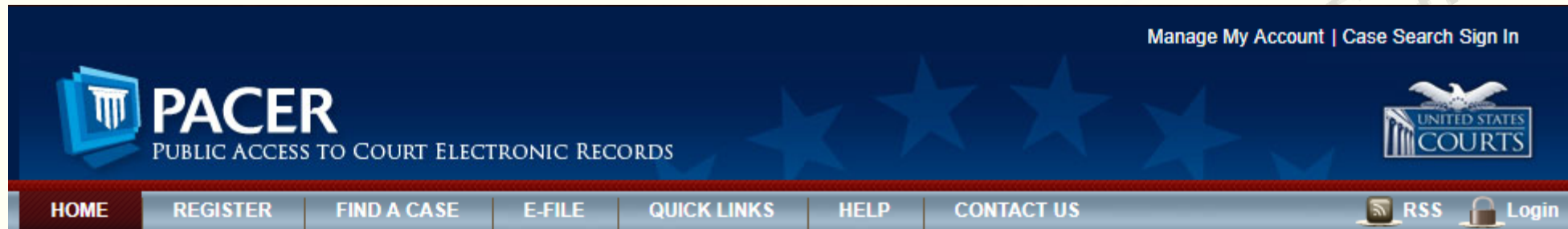
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- Federal courts
- Registration required
- 10 cents per page
- Keep a credit card on file, no charge if < \$15 per quarter

# PACER bonus!

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## MULTI-COURT PACER FEE EXEMPTION REQUEST FORM FOR RESEARCHERS

Individual researchers working on defined research projects intended for scholarly work can use the attached form to request PACER fee exemptions from multiple courts. In accordance with the EPA fee schedule, the request should be limited in scope, and not be intended for redistribution on the internet or for commercial purposes. [Multi-Court PACER Fee Exemption Request Form for Researchers](#).

If you have any questions, please contact the PACER Service Center at [pacerc@psc.uscourts.gov](mailto:pacerc@psc.uscourts.gov) or (800) 676-6856.

**Important Note: Use Firefox to access Fee Exemption Request Form**

# Oyez! Oyez! Oyez!

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SupremeCourt.gov

- SCOTUSblog.com
- Oyez.org

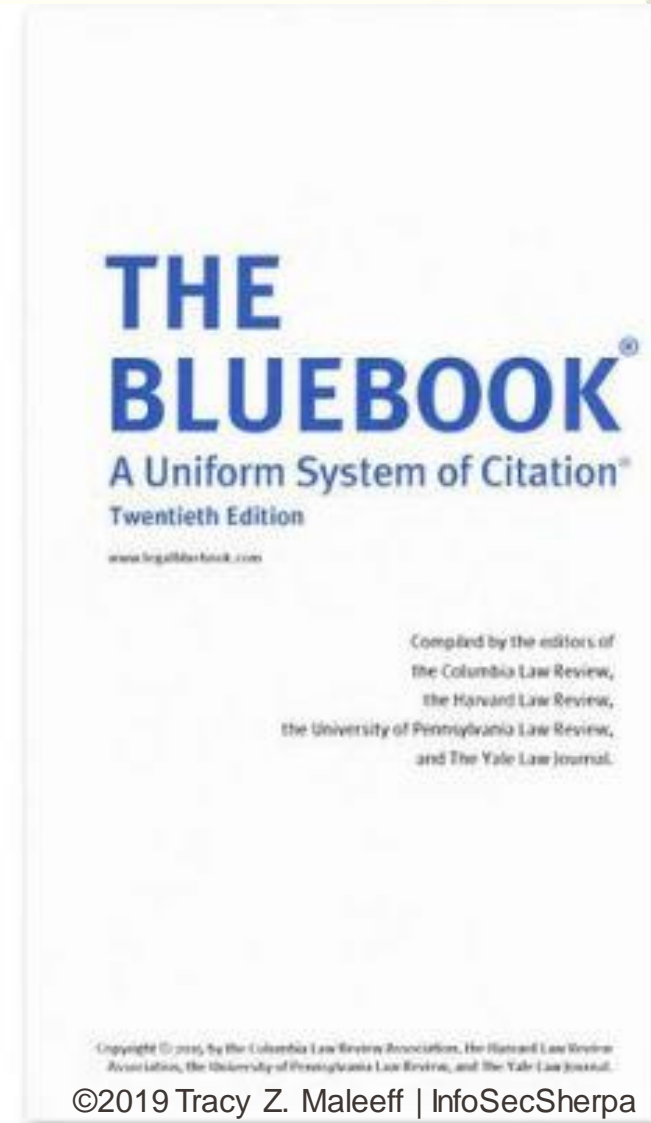
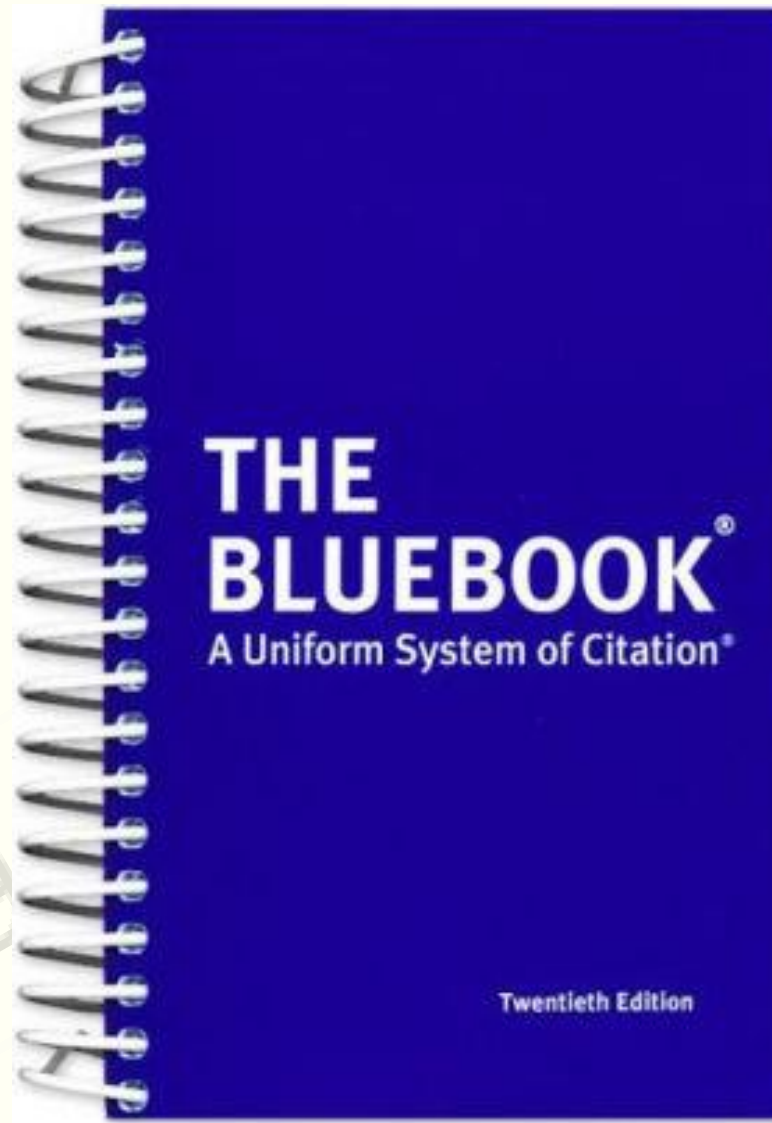
# Court Documents Not Online? Get a Runner!

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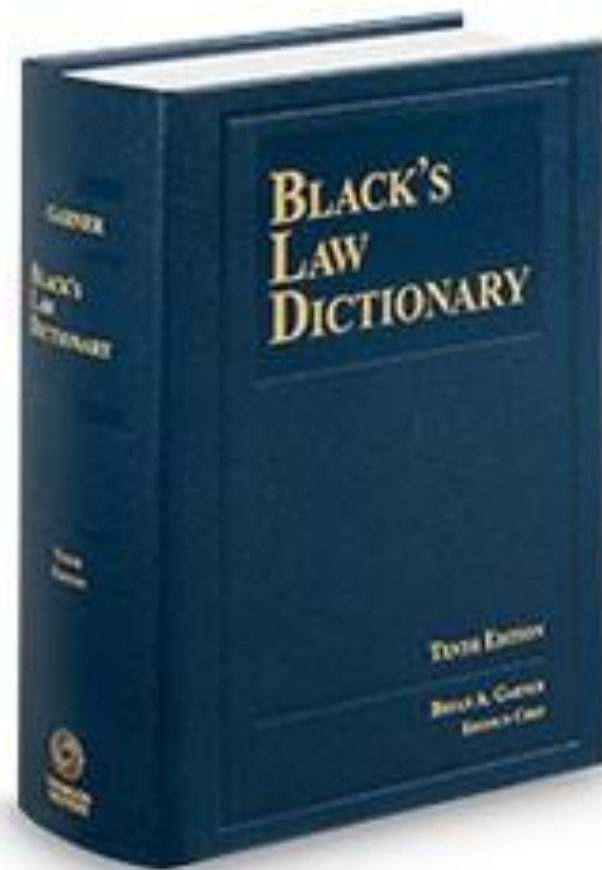
# Legal Citation Help

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# Defining legal terms

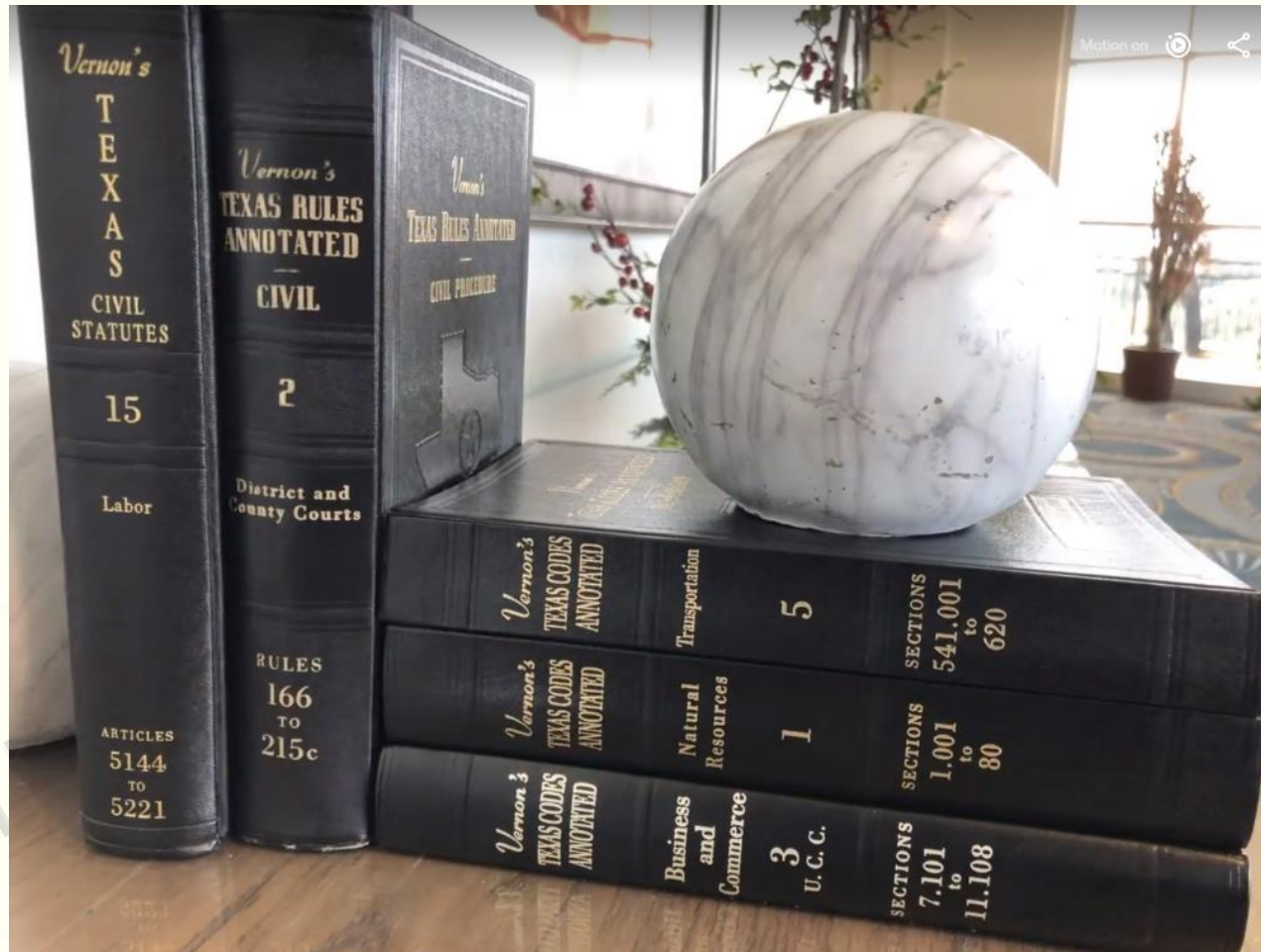
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# Law Books – They're Not Dead Yet!

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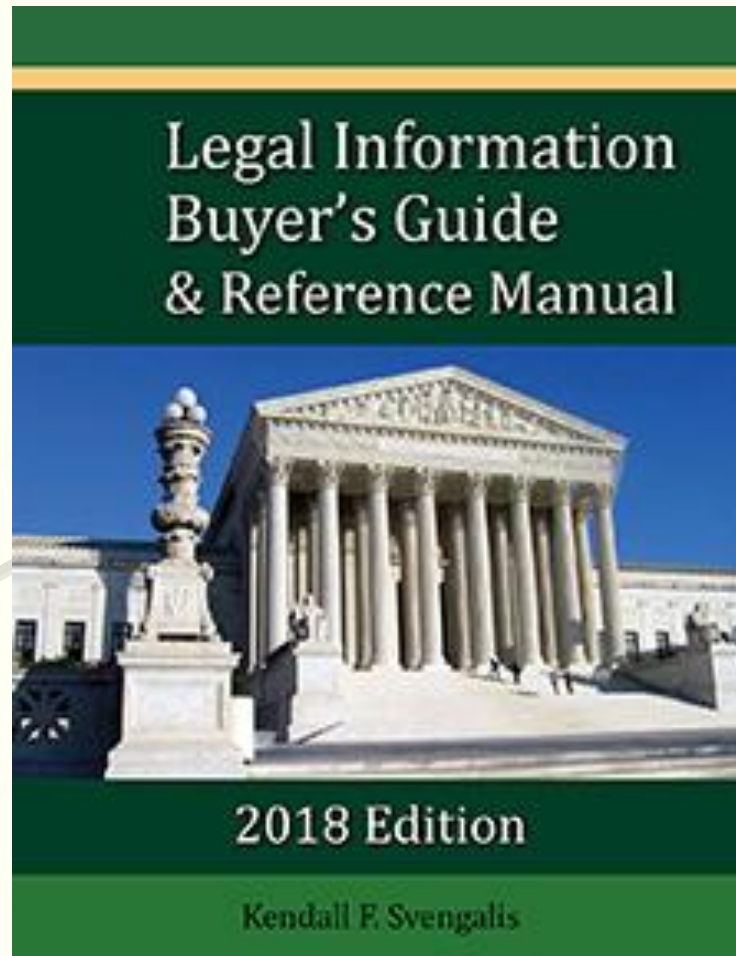
# Law Books – They're Not Dead Yet!

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- Look into private law libraries and law school libraries!
- For example, Jenkins Law Library in Philadelphia
  - JenkinsLaw.org
  - The general public may use the library on daily basis for \$5 per day.
  - Computer usage is limited to one-hour per day.

# The Yelp of Law Books

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# Excellent Free Resources for US & Non-US Law News

- International Law Office
  - InternationalLawOffice.com
- Lexology
  - Lexology.com
- JD Supra
  - JDSupra.com
- Mondaq
  - Mondaq.com

# International Law

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# International Law Resources

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- African Legal Information Institute
  - [africanlii.org](http://africanlii.org)
- British and Irish Legal Information Institute
  - [bailii.org](http://bailii.org)
- Canadian Legal Information Institute
  - [canlii.org](http://canlii.org)
- EUR-Lex: Access to European Union Law
  - [eur-lex.europa.eu](http://eur-lex.europa.eu)
- World Legal Information Institute
  - [worldlii.org](http://worldlii.org)

# Excellent Free Resources for US & Non-US Law

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- Law Library of Congress
  - Guide to Law Online
    - International and Multinational
    - Nations of the World
    - Indigenous Law Portal
  
- GlobaLex
  - International Law
  - Comparative Law
  - Foreign Law Research





# Beginner's Government Research

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# The Website Formerly Known as FDsys.gov

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GovInfo.gov

U.S. Government Publishing Office

## Discover U.S. Government Information

Search

Advanced

Citation

What are you searching for?

Q SEARCH



### A to Z

Browse documents by  
alphabetical order



### Category

Browse documents in specific  
collections



### Date

Browse documents within a  
timeframe or date range



### Committee

Browse documents by the  
issuing committee



### Author

View documents by government  
authors

# The United States Code

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- *The codification by subject matter of the general and permanent laws of the United States.*
- 4 U.S.C. § 5. Display and use of flag by civilians; codification of rules and customs; definition
- 27 U.S. Code Chapter 7 - Liquor Law Repeal and Enforcement Act
- U.S. Code: Title 22. Foreign Relations and Intercourse

# Code of Federal Regulations (CFR)

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- *The codification by subject matter of the general and permanent rules and regulations by the executive departments and agencies of the U.S. Federal Government.*

11 CFR Part 113 *Parts 1 - 9499. January 1, 2019*

➕ **Title 11 - Federal Elections**

31 CFR § 1020.220

➕ **Title 12 - Banks and Banking**

*Parts 1 - 1899. January 1, 2019*

# Fun fact: Each year of a CFR is a different color!

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# USA.gov



Search All Government

1-844-USA-GOV1

All Topics and ServicesAbout the U.S.▼Benefits, Grants, Loans▼Government Agencies and Elected Officials▼Jobs and Unemployment▼Money and Taxes▼Travel and Immigration▼

< Branches of the U.S. Government

A-Z Index of U.S. Government Agencies

## Executive Departments

The 15 executive departments are the primary units of the executive branch of the federal government of the United States. Learn more about the Executive Branch on the [Branches of Government](#) page.

- [U.S. Department of Agriculture](#)
- [U.S. Department of Commerce](#)
- [U.S. Department of Defense](#)
- [U.S. Department of Education](#)
- [U.S. Department of Energy](#)
- [U.S. Department of Health and Human Services](#)

# Patents & Trademarks from USPTO.gov

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## United States Patent and Trademark Office

Query [\[Help\]](#)

Term 1:

in Field 1:

Term 2:

in Field 2:

Select years [\[Help\]](#)

# Patents & Trademarks from USPTO.gov

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## *Graph-based network security threat detection across time and entities*

<b>Inventors:</b>	<b>Apostolopoulos; Georgios (San Jose, CA)</b>				
<b>Applicant:</b>	<b>Name</b>	<b>City</b>	<b>State</b>	<b>Country</b>	<b>Type</b>
	<b>Splunk Inc.</b>	<b>San Francisco</b>	<b>CA</b>	<b>US</b>	
<b>Assignee:</b>	<b>SPLUNK INC. (San Francisco, CA)</b>				
<b>Family ID:</b>	<b>1000003819423</b>				
<b>Appl. No.:</b>	<b>15/419,959</b>				
<b>Filed:</b>	<b>January 30, 2017</b>				



## Research tip: Patent Information Users Group (PIUG)

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- International Society for Patent Information Professionals
  - [PIUG.org](http://PIUG.org)
  - [wiki.piug.org](http://wiki.piug.org)
- Robust multi-national patent databases
- Single-Authority patent databases
  - From Albania to USA

# Tips for International Government Research

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- Know your TLDs! (Top Level Domains)

- gov.br
- gov.jm
- gov.ky

- Know your translations

- [www.gob.cl/en/](http://www.gob.cl/en/)
- Ministry vs Department



# Where in the world are the British Royals?

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- [www.royal.uk/court-circular](http://www.royal.uk/court-circular)
  - *Past events back to 1997*
- [www.royal.uk/future-engagements](http://www.royal.uk/future-engagements)
  - *Up to 8 weeks in advance*

# Beginner's Business Research



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## Private Companies (Pay Resources)

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- Capitaliq.com
- DNB.com
- Hoovers.com
- MergentOnline.com
- PitchBook.com
- PrivCo.com

# Private Companies (Free / Low-Cost Resources)

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- Bizjournals.com
  - Book of Lists
  - OSINT-y Goodness, No.3
- Fortune 500 / 100 Lists
- Glassdoor.com
- Private Company Research Guide from the Library of Congress
- U.S. Securities and Exchange Commission
  - Schedule 13e-3
    - when a public company goes private

# Public Companies: Cracking the Code of Business Listings

**Company DUNS #: 06-070-4780**

**Corporate Name:**

Apple Inc

**Tradestyle Name:**

Apple

**Point of Contact:**

Mr Timothy D Cook

**Title:**

Chief Executive Officer

**Address:**

1 Infinite Loop Cupertino CA 95014-2083

**Telephone:** (408) 996-1010

**Latitude:** +37.331847

**Longitude:** -122.030578

**Sales Volume:** \$170,910,000,000

**Employees on Site:** 2,000

**Total Employees:** 80,300

**Line of Business:** Radio TV Cmmnctns E

**NAICS 1:** 334220

Radio and Television  
Broadcasting and Wireless  
Communications Equipment  
Manufacturing

**NAICS 2:** 334111

Electronic Computer  
Manufacturing

**SIC 1:** 36639906

**SIC 1 Description:** Mobile  
communication equipment

**SIC 2:** 35719004  
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**SIC 2 Description:** Personal  
computers (microcomputers)

# Public Companies: Cracking the Code of Business Listings

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## ■ D-U-N-S Number

- DNB.com

- Unique 9-digit identification number for *each physical location* of a business.

## ■ NAICS aka “Nakes”

- North American Industry Classification System
- Used by Federal statistical agencies in Canada, Mexico, and the United States



# DUNS Update! March 2019

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## ACQUISITION

# GSA picks Ernst and Young to phase out the DUNS number

Now, instead of the DUNS number, GSA, through Ernst and Young, will use a government-owned unique entity identifier called the SAM Managed Identifier (SAMMI) within SAM and GSA's Integrated Award Environment. This eliminates issues with vendor lock-in associated with the government relying on a private company's proprietary identifier.

# Public Companies: Cracking the Code of Business Listings

- SIC = Standard Industrial Classification system
  - SIC last updated in 1987
  - NAICS was established in 1997 to replace SIC
    - It is common to still see both used today!

# Meet EDGAR of the Securities and Exchange Commission

## Electronic Data Gathering, Analysis, and Retrieval

EDGAR Search: Enter a [Search String](#). Start: End:

"cyber" OR "cyber security" OR "cybersecurity"	Search	2015 ▼	2019 ▼
--	--------	--------	--------

(e.g., "present and not past") See [Search Help](#)

# The Significance of the Form 8-K

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- Form **8-K** is the form on which public companies report, on a current basis, the occurrence of significant corporate events.
  - *A reportable event is a transaction or occurrence of major significance.*

# Big news in 8-K filings!

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UPDATE

## LabCorp and Quest hit with data breach, 19.6m patients potentially affected

By Melissa Fassbender [↗](#)

05-Jun-2019 - Last updated on 06-Jun-2019 at 21:47 GMT



Quest Diagnostics on Monday released a public statement addressing the data breach. LabCorp is not providing any further statement on the topic outside of its from 8-K filing with the Securities and Exchange Commission (SEC) dated June 4, 2019.

# Some International EDGAR Counterparts

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- Canada
  - SEDAR
- Germany
  - Unternehmensregister
- France
  - AMF (Autorité des Marchés Financiers)
- United Kingdom
  - Companies House

# What's the Snoop.com?

**Snoop** | The News  
Discovery Network

cybersecurity

To receive email alerts...  
[Save this search](#)

Filter results

cybersecurity

Locations

SEC Filings

6

Form Types

Events: 6/8-K

1

Reports: 10-K/Q

1

Offerings: D

4

Companies

OWL Cybersecurity, LLC

2

IronNet Cybersecurity, Inc.

2

AMERIPRISE FINANCIAL INC

1

FINJAN HOLDINGS, INC.

1

Patents

26

Kinds

Utility Appl.

18

Utility Grant

8

Fed. Cases

0

Calculating and benchmarking an entity's cybersecurity risk score

November 22, 2016 Utility Patent Grant (B2) Assignees: [Security Scorecard, Inc.](#) Applicants: [Security Scorecard](#) Inventors: [Aleksandr Yampolskiy](#), [Rob Blackin](#), [Alexander Heid](#), ...  
Determining an entity's cybersecurity risk and benchmarking that risk includes non-intrusively collecting one or more types of data associated with an entity. Embodiments include calculating a security score for at least one of the one...

CYBERSECURITY TRAINING SYSTEM WITH AUTOMATED APPLICATION OF BRANDED CONTENT

October 13, 2016 Utility Patent Application (A1) Applicants: [Wombat Security Technologies, Inc.](#) Inventors: [Norman Sadeh-Konieczpol](#), [Kurt Wescoe](#), [Joseph A. Ferrara](#)  
A cybersecurity training system uses lures and training actions to help train a user of an electronic device to recognize and act appropriately in situations that could compromise electronic device security. The system includes a library...

Form 8-K: FINJAN HOLDINGS, INC.

September 22, 2016 4:13pm EDT  
§ Other Events  
99.1 Press Release, dated September 22, 2016, entitled "Five Cybersecurity Patents Held Valid and Infringed by Sophos Resulting in \$15M Jur...

ONLINE PORTAL FOR IMPROVING CYBERSECURITY RISK SCORES

August 25, 2016 Utility Patent Application (A1) Applicants: [Security Scorecard, Inc.](#) Inventors: [Aleksandr Yampolskiy](#), [Rob Blackin](#), [Alexander Heid](#), ...  
Determining an entity's cybersecurity risk and benchmarking that risk includes non-intrusively collecting one or more types of data associated with an entity. Embodiments further include calculating a security score for at least one of...

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# Easy Peasy Twitter Searches

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- `twitter.com/search-advanced` or from the search bubble
- `from:SEC_Enforcement filter:links`
  - Litigation notices from the U.S. Securities and Exchange Commission, links to documents
- `$TSLA recall`
  - Stock symbol and keyword



# Economic Research

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- U.S. Bureau of Labor Statistics
  - bls.gov/data



The screenshot shows the FRED Economic Data website. The header features the FRED logo (ECONOMIC DATA | ST. LOUIS FED) and the text "ECONOMIC RESEARCH FEDERAL RESERVE BANK OF ST. LOUIS". On the right, there are links for "REGISTER | SIGN IN" and a "Search FRED" input field. Below the header is a navigation bar with links: "FRED Economic Data", "Information Services", "Publications", "Working Papers", "Economists", and "About". On the far right of the navigation bar is a link to "St. Louis Fed Home". The main content area has a light blue background and contains the text: "Download, graph, and track 528,000 US and international time series from 87 sources." Below this is a search bar with the placeholder text "Search FRED data e.g., gdp, inflation, unemployment" and a magnifying glass icon. At the bottom of the main content area, it says "Browse data by Tag, Category, Release, Source, Release Calendar or Get Help".

Thus concludes basic research for lawyers, guns, and money.

Questions?

Prize Giveaway!



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[Nuzzel.com/InfoSecSherpa](https://nuzzel.com/InfoSecSherpa)

OSINT-y Goodness Blog:  
[Medium.com/@InfoSecSherpa](https://medium.com/@InfoSecSherpa)



Thank you, Layer 8 Conference!