

# E6 Hot Topic: New Metrics for Measuring Scholarly Impact: Law Librarians, HeinOnline, and U.S. News & World Report

Lisa Davis, Coordinator, Moderator & Speaker

Shannon Hein, Speaker

Shane Marmion, Speaker

Robert Morse, Speaker

Bonnie Shucha, Speaker



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# Introduction & Roadmap

- Presenters
- HeinOnline
- U.S. News & World Report
- Law Libraries
- Q & A



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# Presenters



Lisa Davis  
Interim Director, Law Library  
FIU College of Law



Shane Marmion  
President  
William S. Hein & Co., Inc.



Shannon Hein  
Executive Vice President  
William S. Hein & Co., Inc.



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Chief Data Strategist  
U.S. News & World Report



Bonnie Shucha  
Associate Dean for Library &  
Information Services  
University of Wisconsin Law School



# The Database: HeinOnline

Shannon Hein, Executive Vice President

Shane Marmion, President

William S. Hein & Company, Inc.



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# Overview

- Author Profiles, Scholar Check & Scholar Rank
- U.S. News & World Report Update




# About Author Profiles

For any author represented in the Law Journal Library, Author Profile Pages automatically display a list of articles and ScholarCheck statistics. A profile page can be enhanced by including the following information:

- **Photo**
- **University/Affiliation**
- **Job Title**
- **ORCID ID**
- **Biography**
- **Link to affiliation webpage**
- **Social Media Links**

## [Example of an Author Profile Page](#)

Kerr, Orin S.



Full Name  
University/Affiliation  
Title

Kerr, Orin S.  
University of Southern California  
Frances R. and John J. Duggan  
Distinguished Professor of Law

Explore This Author **BETA**

	#	Rank
🔍 Cited by Cases	307	29
🔍 Cited by Articles	3,447	123
🔍 Accessed (Past 12 Months)	3,179	61
🔍 Cited by Articles (Past 10 Years)	2,841	18
🔍 Cited by Articles (Previous Year + YTD)	372	10
🔍 ScholarCheck Rank		14
🔍 Average Citations per Article	73.34	
🔍 Average Citations per Document	61.55	
🔍 Self-Citations	95	
🔍 H-index	27.00	

# About Author Profiles

For any author represented in the Law Journal Library, Author Profile Pages automatically display a list of articles and ScholarCheck statistics. The existing profile can be enhanced to include a photo, biographical information, and links to the author's website and social media accounts.

ScholarCheck metrics include:

The number of times an article has been **cited by other articles and cases**

The number of times an article has been **accessed** by other HeinOnline users within a rolling 12-month period.

The number of times an article has been **cited by articles written in the past 10 years**

The number of times an author's articles have been **cited by articles written within the previous year and year to date**.

## [Example of an Author Profile Page](#)

Kerr, Orin S.



Full Name  
Kerr, Orin S.  
University/Affiliation  
University of Southern California  
Title  
Frances R. and John J. Duggan  
Distinguished Professor of Law



	#	Rank
① Cited by Cases	307	29
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① ScholarCheck Rank		14
① Average Citations per Article	73.34	
① Average Citations per Document	61.55	
① Self-Citations	95	
① H-index	27.00	

# About Author Profiles

Additional metrics not factored into an author's overall ScholarCheck ranking analysis include:



## Average Citations per Article

This metric counts the cumulative number of times this author has been cited by other articles, then divides this number by this author's total number of articles written to calculate the average number of citations per article.



## Average Citations per Document

This metric counts the cumulative number of times this author has been cited by other articles, then divides this number by this author's total number of documents written to calculate the average number of citations per document.



## Self-Citations

This metric counts the cumulative number of an author's self-citations.



## H-Index

The h-index is an author-level metric that attempts to measure both the productivity and citation impact of an author's publications. The index is based on the set of the author's most cited papers and the number of citations that they have received in other publications.

# About Author Profiles

HeinOnline users can set up email alerts regarding a designated author's works. Simply click on the *Set up email alerts* icon found on the author's profile page.

The four different alerts are for:

- When new articles for this author is added to HeinOnline
- When new articles in HeinOnline cite this author's articles
- When articles are accessed on HeinOnline each month
- When similar articles are published on this author's works

Choose the desired alerts, enter an email address, and click *Set up email alerts*. These alerts will be sent once a month.

The screenshot shows the author profile for Kerr, Orin S. with a red box highlighting the 'Set up email alerts' icon (a bell) in the top right corner. A red arrow points from this icon to the 'Set up email alerts' modal window. The modal contains four alert options, all of which are currently unchecked:

- ☐ When new material for this author is added to HeinOnline
- ☐ When new articles in HeinOnline cite this author's articles
- ☐ When articles are accessed on HeinOnline each month
- ☐ When similar articles are published on this author's works

Below the alert options, there is a text field for entering an email address and a 'Set up email alerts' button. The text above the field reads: 'Enter email here (use a semicolon to separate multiple email addresses):'.

Background information from the author profile:

**Kerr, Orin S.**

Full Name  
University/Affiliation  
Title

Kerr, Orin S.  
University of Southern California  
Frances R. and John J. Duggan  
Distinguished Professor of Law


	#	Rank
Cited by Cases	307	29
Cited by Articles	3,441	123
Accessed (Past 12 Months)	3,179	61
Cited by Articles (Past 10 Years)	2,841	18
	372	10
		14
	73.34	
	61.55	
	95	
	27.00	

Explore This Author **HEIN**

# Enhance Author Profile Pages

Users can edit or enhance a profile by clicking on **Edit Author Profile** within the author profile page. All edits are verified by HeinOnline Support before changes go live. There is also a web form located at: <https://home.heinonline.org/author-portal/>






**Kerr, Orin S.**



**Full Name** Kerr, Orin S.







**University/Affiliation** University of Southern California

**Title** Frances R. and John J. Duggan Distinguished Professor of Law







Explore This Author Profile

Edit Author Profile

	#	Rank
 Cited by Cases	307	29
 Cited by Articles	3,447	125
 Accessed (Past 12 Months)	3,179	62
 Cited by Articles (Past 10 Years)	2,841	18
 Cited by Articles (Previous Year + YTD)	372	10
 ScholarCheck Rank		14

---

 Average Citations per Article	73.34
 Average Citations per Document	61.55
 Self-Citations	95
 H-Index	27.00

# Access and Download Metrics

Users have the ability to download a CSV of ScholarCheck metrics for an entire institution. To utilize this feature, navigate to the Law Journal Library and Browse by **Author Profiles**.

The screenshot illustrates the process of accessing author profiles. The top section shows the 'Browse by:' menu with 'Author Profiles' highlighted by a red box. Below this is a row of lettered tabs from A to Z and 'All'. A red arrow points from the 'Author Profiles' button to the 'Author Profiles by Institution' section below. This section displays a list of institutions, including:

- 9th Circuit Court of Appeals
- Academia Sinica Institute of Law
- Administrative Conference of the United States
- Al-Balqa Applied University
- Albany Law School
- Algoma University
- Algorithm LLC
- American Law Institute
- American University, Washington College of Law
- Amity Law School, Amity University Rajasthan
- Arab Mediation Center
- Arizona State University - Sandra Day O'Connor College of Law
- Arizona Summit Law School
- Association of American Law Schools

# Access and Download Metrics

When users click on the institution's name, all articling authors who have enhanced their Author Profile will be provided, as well as a link to download a CSV of ScholarCheck metrics for all of the enhanced profiles from the institution. A CSV is automatically downloaded when the user clicks on the link. All of the authors' information is pulled into the CSV, where a user can sort/filter the information by any individual metric or by overall ScholarCheck rank.

## Author Profiles by Institution

### Columbia University School of Law

- CSV for this institution
- Barenberg, Mark
- Berger, Vivian O.
- Bermann, George A.
- Bhagwati, Jagdish
- Black, Barbara Aronstein
- Black, Charles L. Jr.
- Blasi, Vincent Anthony
- Bobbitt, Philip C.
- Bollinger, Lee C.
- Bradford, Anu
- Briffault, Richard
- Bulman-Pozen, Jessica
- Carter, Alexandra B.
- Cleveland, Sarah
- Coffee, John C. Jr.
- Crenshaw, Kimberle Williams
- Damrosch, Lori Fisler
- Dignam, Brett
- Doyle, Michael
- Edgar, Harold S.H.
- Emens, Elizabeth Francis
- Farnsworth, E. Allan
- Fletcher, George P.
- Fox, Merritt B.

total number of articles	Cited by Cases	Cited by Cases rank	Cited by Articles	Cited by Articles rank	Accessed (Past 12 Months)
6	1	255	286	1,414	191
14	85	171	827	901	240
40	39	217	624	1,079	900
6	0	256	155	1,545	365
3	0	256	88	1,612	72
31	0	256	2	1,698	2
20	38	218	1,838	359	538
16	0	256	252	1,448	299
14	0	256	5	1,695	21
16	0	256	192	1,508	571
61	49	207	2,885	184	1,674
11	4	252	639	1,064	658
1	0	256	0	1,700	16
12	7	249	817	907	544
68	238	55	9,702	6	4,779
13	8	248	3,581	114	17,701
26	0	256	2	1,698	23
1	0	256	1	1,699	28

# ScholarRank

**ScholarCheck Rank**, or **ScholarRank** is an overall ranking based primarily on the five HeinOnline ScholarCheck metrics. The five metrics are:

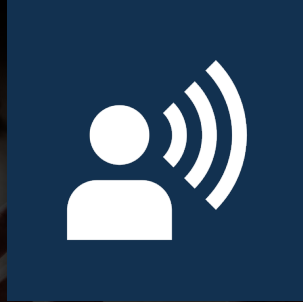
1. Cited by Cases
2. Cited by Articles
3. Accessed (Past 12 Months)
4. Cited by Articles (Past 10 Years)
5. Cited by Articles (Past 1-2 years)

h-index is also used as a modifier in overall scholar check rank to reduce ties.

ScholarCheck Score = (total of all 5 scholarcheck metrics rankings/5) – (h-index/1000)

(The totals for each of the five metrics are ranked using dense ranking.)

Next, the scores are sorted from lowest to highest and ranked using standard competition ranking. The lowest score will have a ScholarRank of 1. The ranking encompasses ALL authors indexed in HeinOnline



# U.S. News & World Report Update

# U.S. News & World Report Update

## Project Overview

In February of 2019, *U.S. News and World Report* announced an expansion to its “Best Law Schools” data—a new ranking which will evaluate each law school’s scholarly impact. *U.S. News* further stated that it would be collaborating with the Hein Company as its source for this analysis.

The purpose of the *U.S. News* project is to analyze the scholarly impact of each U.S. law school based on the impact and productivity of its faculty members. *U.S. News* announced that it would be using several accepted indicators to measure scholarly impact, including citations, publications, and other bibliometric measures.

## Project Update: July 2019

So far, *U.S. News* has sent out a survey to each law school requesting the names and other details of its full-time tenured and tenure-track faculty for fall of 2018. The results of these surveys have been passed to HeinOnline.

# U.S. News & World Report Update

## Why Hein?

Prior to the announcement, the Hein Company was approached by a group of law school deans and professors who requested that we consider collaborating with *U.S. News* on this upcoming project. HeinOnline was chosen by the group and *U.S. News* based on the following qualifications:

HeinOnline's Law Journal Library contains comprehensive coverage of more **than 2,700 legal periodicals**, more than its current competitors.

HeinOnline has already created its own **tools for citation analysis** within ScholarCheck.

HeinOnline has already begun performing citation analyses of **faculty publications** using these tools.

Hein's citations offer **many advantages** over those of its competitors, including indexing multiple authors per article, many more foreign law journals, correcting for name misspellings, and several others.

The Hein Company is the world's **largest distributor of legal periodicals**.

# Law Journal Library



It contains **more than 2,700 journals**, 64,000 volumes, and more than **2 million documents** within **36 million pages**



HeinOnline contains **98% of the Top 500 Journals** and **85% of the Top 1,000 Journals** according to the Washington and Lee Law Journal Rankings Project.



Out of the 2,700 journals, all date back to inception and **more than 2,200 include coverage to most current issue**, with no delay



There are currently **1,720 active serial titles**, and nearly 40% of the journals (993 journals to be exact) are published outside of the U.S.



**Interdisciplinary:** Comprised of a variety of subjects such as political science, technology, history, and much more!

# U.S. News & World Report Update

## Overview of HeinOnline's Law Journal Library

The Law Journal Library contains many non-academic and commercial journals, from publishers such as:

- American Bar Association
- American Society of International Law
- Brill Publishers
- Cambridge University Press
- Canadian Bar Association
- Clarus Press
- De Gruyter
- Edward Elgar Publishing
- Hart Publishing
- Institute of Art & Law
- McGill Institute of Air and Space Law
- Oxford University Press
- Paris Legal Publishers
- SAGE Publishers
- Taylor & Francis
- Vathek Publishing
- John Wiley & Sons, Inc.
- Wolters Kluwer

# U.S. News & World Report Update

## Overview of HeinOnline's Law Journal Library

The Law Journal Library contains multidisciplinary journals that cover **more than 100 subjects**, including:

- Business/Economics
- Communications
- Criminal Justice
- Environmental & Conservation Law
- Family Law
- Health and Safety
- Human Rights
- Intellectual Property
- International Relations
- Immigration
- Medical Jurisprudence
- Political Science
- Psychology/Sociology
- Religion/Theology
- Taxation
- Technology/Computers
- Terrorism
- Women's Studies



## How Hein Is Involved

Our role in this project is to provide *U.S. News* with the citation metrics from HeinOnline. As for the methodology that will be used for their analysis, we will not be involved. The Hein company is not receiving any type of compensation for its work on this project; we simply felt that if *U.S. News* was going to proceed with such an analysis, HeinOnline would be a good source for the law review citation analysis.

# U.S. News & World Report Update

## Coverage for Citation Analysis



### Periodical Coverage

- Law Journal Library
- Bar Journals
- ALI-CLE Journals
- Kluwer Law International Database
- Foreign & International Law Resources: Yearbooks and Periodicals
- ABA Law Library Periodical Database



### Case Law Coverage

- All Federal Circuit Courts
- All Federal District Courts
- All Federal Bankruptcy Courts
- U.S. Supreme Court
- All 50 State Courts
- Specialty Courts

**Indexed only and all embargoed content are included in the citation analysis.**

# U.S. News & World Report Update

## Citation Metrics (July 2019)

- ➔ There are currently over **7.3 million** article to article citations in HeinOnline
- ➔ There are currently over **310,000** case to article citations

ScholarCheck looks at citation patterns in the text using sources such as:

- Bluebook
- Prince's Bieber Dictionary of Legal Abbreviations
- Cardiff Index to Legal Abbreviations
- McGill Citation Guide
- And many others!



# U.S. News & World Report Update

## ScholarCheck and Citation Metrics: Example

151 results searching for (((**"88 N.Y.U. L. Rev. 286"** OR **"88 NYUL Rev 286"** OR **"88 N.Y.U.L.R. 286"** OR **"88 N.Y.L. 286"** OR **"88 N.Y.U. L.Q. Rev. 286"** OR **"88 N.Y. Univ. L. Rev. 286"** OR **"88 New York University Law Review 286"** OR **"88 NYU L Rev 286"** OR **"88 NYU L. Rev. 286"** OR **"88 Ann. Rev. L. Sch. N.Y.U. 286"**) AND NOT id:hein.journals/nylr88.11)) in Law Journal Library. , sorted by "Number of Times Cited by Articles"

### **Simplified Pleading, Meaningful Days in Court, and Trials on the Merits: Reflections on the Deformation of Federal Procedure [article]**

*New York University Law Review*, Vol. 88, Issue 1 (April 2013), pp. 286-372

**Miller, Arthur R.** (Cited 2436 times)

88 N.Y.U. L. Rev. 286 (2013)

**?** **Topics:** Procedure, Trials, Courts, Dispute Resolution, Federal Courts, Practice and Procedure, Civil Procedure, Federal Rules of Civil Procedure



Cited by 151 Articles  
Cited by 28 Cases  
Accessed 71 Times

- N.Y.U. L. Rev.
- NYUL Rev
- N.Y.U.L.R.
- N.Y.L.
- N.Y.U. L.Q. Rev.
- N.Y. Univ. L. Rev.
- New York University Law Review
- NYU L Rev
- NYU L. Rev.
- Ann. Rev. L. Sch. N.Y.U.



# Future Improvements

Hein is aware that the use of citation pattern matching is not a perfect method for counting citations for many reasons such as OCR errors, proper citation rules not followed, etc...

Does a perfect method exist? Likely not

Our goal is to continue to enhance our methods for counting citations so that we can provide the best possible results

Our development team is currently identifying other methods to count citations such as searches by author name, as well as article title (and variants) to ensure completeness.

# U.S. News & World Report Update

## Quality Control

Hein has compiled a data team to review each faculty member included on the XLS to make sure they're properly associated with the HeinOnline-indexed data. Part of the review from the data team included reviewing any/all similar author names which could potentially include indexing errors. Identified indexing errors have been corrected and known name variations combined to help associate the proper works with each faculty member.

While our quality assurance check is effective, the challenge of properly disambiguating all proper name variations is very difficult, especially in the cases of common names. We are asking each school to review their faculty members' profile pages in HeinOnline and notify us of any discrepancies they may find.





# U.S. News & World Report Update

## Combining Author Name Variations

**Example #1 – Author with articles published under 5 different names. The HeinOnline author index would treat as 5 different authors if not combined:**

1. Lietzan, Erika
2. Lietzan, Erika King
3. Lietzan, Erika Fisher
4. King, Erika F.
5. King, Erika

**Lietzan, Erika**

[Explore This Author BETA](#)

**Full Name** Lietzan, Erika

**University/Affiliation** University of Missouri School of Law

**Title** Associate Professor of Law

**ORCID ID** 0000-0002-9893-157X

	#	Rank
Cited by Cases	6	250
Cited by Articles	99	1,603
Accessed (Past 12 Months)	56	1,566
Cited by Articles (Past 10 Years)	44	911
Cited by Articles (Previous Year + YTD)	2	232
ScholarCheck Rank		17,109

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Average Citations per Article 5.50

Average Citations per Document 5.21

Self-Citations 14

H-Index 5.00

# U.S. News & World Report Update

## Example #2

This submitted faculty roster did not include all name variations. Hein's data team will review all possible variations found in HeinOnline.

Author ID	Last Name	First Name	Middle Initial (Sr., Jr., etc.)	Suffix (Sr., Jr., etc.)	Title	Known Name Variations
	Miller	Elizabeth	S.		Professor Doctrinal	Miller, Elizabeth S.; Miller, Beth S.
	Morrison	Michael	D.		Professor Doctrinal	Morrison, Michael D.; Morrison, Mike D.
	Nichols	Connie	P.		Professor Doctrinal	Nichols, Connie P.
	Ortiz	Susan			Kelley-Claybrook Professor Legal Writing	Ortiz, Susan K.

### Two corrections found during our QC:

1. Author name published as 'Miller, Elizabeth Stone'. Stone as middle name not provided as a name variation but picked up via Similar Author tool and confirmed by QC'er
2. Indexing error – Eliabeth (no z in first name)

### Miller, Elizabeth S.

[Explore This Author](#) BETA

Full Name: Miller, Elizabeth S.

University/Affiliation: Baylor University School of Law

Title: Professor

	#	Rank
Cited by Cases	3	254
Cited by Articles	78	1,623
Accessed (Past 12 Months)	48	1,575
Cited by Articles (Past 10 Years)	44	906
Cited by Articles (Previous Year + YTD)	1	232
ScholarCheck Rank		20,301
Average Citations per Article	11.14	
Average Citations per Document	11.14	
H-index	3.00	

Similar Author Names

- #Miller, Elizabeth S.
- #Miller, Elizabeth A.
- #Miller, Elizabeth K.
- #Miller, Elizabeth M.
- #Miller, Elizabeth N.
- #Miller, Elizabeth P.
- #Miller, Elizabeth
- #Miller, Elizabeth K.
- #Miller, Elizabeth Stone
- #Millard, Elizabeth R.
- #Millard, Elizabeth E.

# U.S. News & World Report Update

## Example #3

Indexing error where associated article has relevant citation metrics which will improve the author's overall citations.

**Viscusi, W. Kip**



Full Name  
University/Affiliation  
Title

Viscusi, W. Kip  
Vanderbilt University Law School  
Professor of Law

Explore This Author **BETA**

	#	Rank
Cited by Cases	15	242
Cited by Articles	1,323	558
Accessed (Past 12 Months)	664	959
Cited by Articles (Past 10 Years)	417	536
Cited by Articles (Previous Year + YTD)	60	173
ScholarCheck Rank		747

---

Average Citations per Article	18.90
Average Citations per Document	16.54
Self-Citations	72
H-Index	21.00

Similar Author Names

- #Viscusi, W. Kip

**Viscusi, W. Kip**

Full Name

Viscusi, W. Kip

Explore This Author **BETA**

	#	Rank
Cited by Cases	3	254
Cited by Articles	70	1,631
Accessed (Past 12 Months)	12	1,611
Cited by Articles (Past 10 Years)	13	937
Cited by Articles (Previous Year + YTD)	2	231
ScholarCheck Rank		35,035

---

Average Citations per Article	70.00
Average Citations per Document	70.00
H-Index	1.00

Similar Author Names

1 results searching for (creator\_facet:"Viscusi, W. Kip") in Law Journal Library. , sorted by "Number of Times Cited by Articles"

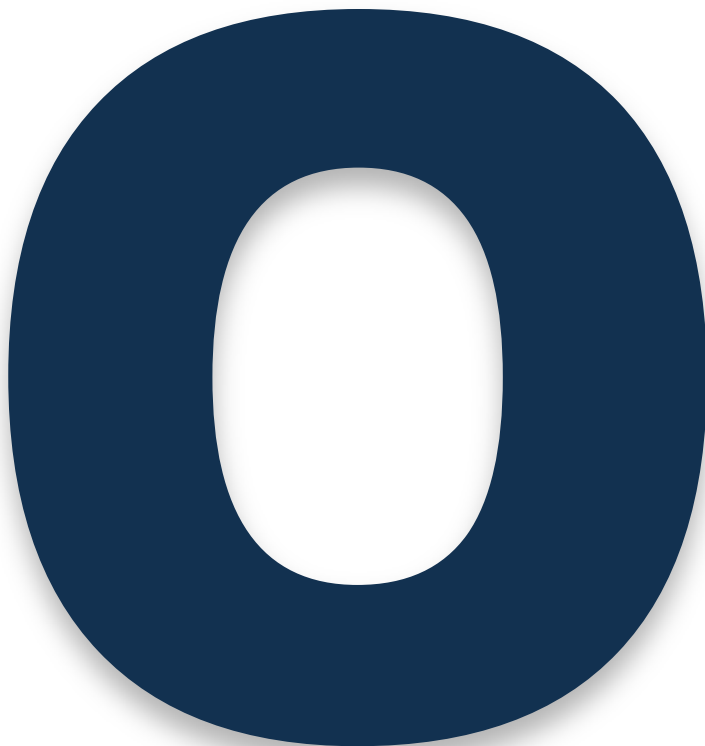
Sort by:

Number of Times Cited by Art

Check All Uncheck All Please select an option Save/Email

☐ 1. **Detering Inefficient Pharmaceutical Litigation: An Economic Rationale for the FDA Regulatory Compliance Defense [article]**  
The Effect of Products Liability Litigation on Innovation  
Seton Hall Law Review, Vol. 24, Issue 3 (1994), pp. 1437-1480

Cited by 70 Articles  
 Cited by 3 Cases  
 Accessed 12 Times



## HeinOnline and ORCID

HeinOnline has recently become an ORCID member and is currently working on setting up an API to push and pull data between platforms to help with the future overall quality control of maintaining author profiles.

# U.S. News & World Report Update

## What happens next?

We estimate the total project to involve the review of more than **7,500 faculty profile pages**, with the goal for our data team to complete by the end of **August 2019**.

Our data team will be contacting each school upon completion of our Quality Control Procedures.

- We will be contacting the person who submitted the original faculty XLS to US News as well as the Library Director (and anyone else who requested to receive notification)
- Included in the confirmation message from Hein will be a summary of the work we have done as well as the XLS of faculty names which were included in the US News Survey submission that will also include the HeinOnline Author Profile page URL

# U.S. News & World Report Update

## In Conclusion (HeinOnline ScholarRank vs. US News & World Report (USNWR):

- USNWR will NOT use HeinOnline's current ScholarRank methodology
- USNWR ranking will be based on just law schools while HeinOnline ranks all authors

This project is a major undertaking, but we are committed to improving our data so that we can provide the most accurate results possible. Our mission remains to be first amongst equals and offer the best scholarly legal database to our customers, knowing that enhancing ScholarCheck and adding more analytics will improve the HeinOnline research experience. We appreciate all of the questions, comments, and concerns that we have received thus far.

# U.S. News Proposed Ranking: A New Scholarly Impact Metric

Robert J. Morse, Chief Data Strategist  
U.S. News & World Report



#AALL19





## Find the Best Law Schools

Students interested in pursuing a legal career can find a wide range of options among the law schools accredited fully by the American Bar Association.

Choose a Ranked Specialty




State

School Name (optional)

Search

## 2020 BEST LAW SCHOOLS

U.S. News factors in data on reputation, LSAT scores, job placement success and more when ranking the top law schools. [READ THE METHODOLOGY »](#)

-  **#1** Yale University  
New Haven, CT
-  **#2** Stanford University  
Stanford, CA
-  **#3** Harvard University  
Cambridge, MA

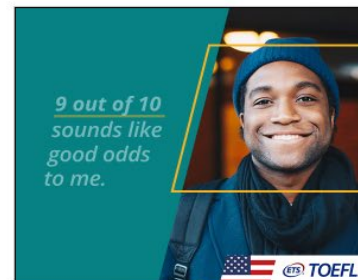
[SEE FULL RANKING LIST »](#)



## LAW PROGRAMS & SPECIALTIES

Clinical Training

International Law



## LAW SCHOOL ADVICE

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In February 2019 U.S. News announced that it's expanding its Best Law Schools data collection with the goal of creating a new ranking that would evaluate the scholarly impact of law schools across the U.S.

The intent is to analyze each law school's scholarly impact based on a number of accepted indicators that measure its faculty's productivity and impact using citations, publications and other bibliometric measures.

U.S. News is collaborating with William S. Hein & Co. Inc., the world's largest distributor of legal periodicals, to complete this analysis.

## **May 2, 2019: U.S. News Responded to the Law School Community**

U.S. News recently received feedback from many in the law school community, including deans and professors, regarding the proposal to evaluate scholarly impact at law schools across the country.

Much of the input U.S. News has received to date has focused on questions about the scholarly impact ranking methodology, how the scholarly impact rankings will fit into U.S. News' overall law school rankings and the data sources U.S. News plans to use to create these rankings.

In light of these questions, U.S. News shared an open letter to the law school dean community addressing the preliminary methodology and our work with HeinOnline to create the scholarly impact rankings.

1. U.S. News believes the scholarly impact rankings should be a dynamic survey that expands over the years. We believe we have created a plan for the scholarly impact rankings that is a reliable initial basis for such rankings and, importantly, a foundation continually improve and expand such rankings.

2. We understand that legal scholarship can have an impact beyond law reviews and law journals. While we of course will focus on citation in law reviews and law journals in legal scholarship, we are also incorporating case law and will keep our eyes open to additional resources.

3) Although we will perform the analysis on an individual faculty member level, our rankings will be done at the law school level based on the aggregate results of the school's faculty. This will allow for a more even comparison across schools. In order to be included in the analysis for any given school -a faculty member's name needed to be submitted as a full-time tenure and tenure track faculty to USNEWS by their school (these were given to HEIN). For schools that didn't submit any names to U.S. News we are doing our best to develop faculty names for public sources like AALS and school websites. Our goal is to include all schools in the rankings.

4) Like other U.S. News rankings, we fully expect that the methodology for the scholarly impact rankings will evolve over time. At this time, neither the methodology nor the metrics for the proposed new rankings have been finalized.

5) We do not have any current plans to incorporate scholarly impact rankings as an element in our Best Law Schools rankings. Rather, U.S. News is considering publishing our initial separate law school scholarly impact ranking during the 2019 calendar year or later.

We have received several questions regarding the breadth of HeinOnline's databases and U.S. News's willingness to use other resources. We would like to answer these.

First, HeinOnline has a broad database of legal journals and related resources from which citations will be derived. This database includes journals licensed from commercial publishers as well as student edited law reviews.

Second, HeinOnline also includes case law through Fastcase, permitting us to count citations to and from both U.S. state and federal case law.

Third, we have received requests that we consider using data from other citation databases, including Google Scholar, Dimensions and Microsoft Academic. There are disadvantages to those other databases, too.

For instance, Google Scholar is an algorithm, not a curated database, so it may pick up many citations that are not actual citations (e.g., a mention in a table of contents) or multiple instances of the same citation.

While we do not believe it is practical at this time for U.S. News to incorporate additional databases into our proposed scholarly impact ranking methodology, we will remain open to consideration of additional sources as the methodology evolves.

## Conclusion

U.S. News wants to emphasize we appreciate the input we have received to date with respect to the scholarly impact rankings.

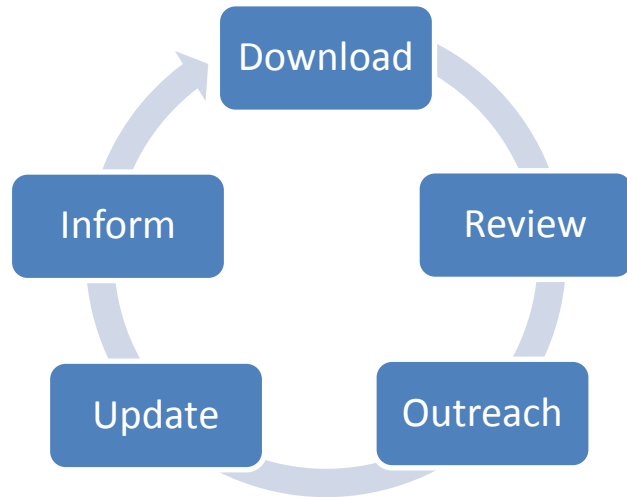
While we may not agree with each comment we have received, all of the comments are being considered as we formulate our methodology.

# Best Practices: The Law Librarian's Experience

Lisa Davis, Interim Director Law Library,  
FIU College of Law

Bonnie Shucha, Associate Dean for Library & Information Services,  
University of Wisconsin Law School

## Current Process Overview



### Step by Step:

- Author Profiles: The Initial Author Profiles csv Download
- Spreadsheet Review
  - Edit Institutional Data
  - Edit Author Data
  - Edit Publication Data?
  - Edit Citation Data?
- Communications with Hein

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# Institutional Data



Types:

- Institution Name
- Authors
- Media and Brand
- Lateral Moves



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An Option	Another Option	Option Selected
Florida International University College of Law	FIU Law	FIU College of Law
All Institutional-Affiliated Authors (students + adjuncts)	All Law Faculty (tenure + contract)	All Law Faculty + Librarian Authors



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## Travis, Hannibal



**Full Name** Travis, Hannibal  
**University/Affiliation** [FIU College of Law](#)  
**Title** Professor of Law  
**ORCID ID** 0000-0001-8867-8016

	#	Rank
 Cited by Cases	1	255
 Cited by Articles	238	1,464
 Accessed (Past 12 Months)	390	1,232
 Cited by Articles (Past 10 Years)	174	781
 Cited by Articles (Previous Year + YTD)	16	218
 ScholarCheck Rank		3,791

## Standardized Institutional Description

How does your institution describe itself?

*Example FIU Law Hein Author Profile:*

[http://heinonline.org/HOL/AuthorProfile?collection=journals&search\\_name=Travis,%20Hannibal&base=js](http://heinonline.org/HOL/AuthorProfile?collection=journals&search_name=Travis,%20Hannibal&base=js)



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# Author Data



Types:

- Aliases
- ORCiD
- Social Media
- Sources:
  - Institutional Repository
  - Faculty Profiles
  - Marketing Personnel
  - Outreach



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# Standardized Author Description

How do your authors describe themselves?

*Example FIU Law Faculty Profile:*  
<https://law.fiu.edu/faculty/directory/hannibal-travis/>



## Hannibal Travis

[Home](#) » [FIU Law Faculty](#) » [FIU Law Faculty Directory](#) » Hannibal Travis

**Faculty Directory**

**Faculty by  
Specialty**

**Administration**

**Adjunct Faculty**

**Faculty in the News**

**Faculty Workshops**



Hannibal Travis  
Professor of Law  
305.348.8371  
[travish@fiu.edu](mailto:travish@fiu.edu)  
  
[Curriculum Vitae](#)  
[SSRN Author Page](#)  
[Selected Works](#)  
[Hein Author Profile](#)  
[Google Scholar Profile](#)  
[ORCID](#)

J.D., Harvard Law School  
B.A., Washington University

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# Publication Review



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# Discovering Known Publications



"A Uniform Normal Person's System of Citation"



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## Sources:

- Faculty CVs
- Annual Reviews
- Institutional Repositories
- Other Datasets (Google Scholar, SSRN, Selected Works, etc.)
- Outreach

# Comparing Publication Count

## Hein and Digital Repository

- On average, 62% of works in our repository unaccounted for in Hein
- Individually, from 0% to 94% unaccounted

Based on analysis of scholarly works from *all* full-time tenured and tenure track faculty



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# Why Publication Count Differs

- HeinOnline Dataset Limitations
  - Available
    - Largest database of law journals
    - Federal and state cases from Fastcase
  - Not Available
    - Non law and multidisciplinary journals
    - Some online companions, commercial, and foreign / international law journals
    - Monographs and chapters
    - Other scholarship – reports, proceedings, newspapers, etc.



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# Why Publication Count Differs

- Author Name Mismatch
  - Name variations
  - Name misspellings by publication or Hein
  - Unattributed articles by publication or Hein
- Some Good News



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# Comparing Citations

## Hein and Google Scholar

- On average, Google Scholar attributed 74% more citations than Hein
- Individually, from 42% to 96% more citations attributed

Based on analysis of scholarly works from *three* full-time tenured faculty



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# Why Citation Count Differs

- Dataset Differences and Deficiencies
  - Publications not available in HeinOnline
    - Problem compounded - Both cited and citing works must be available
  - Google Scholar algorithm multi-counts and missed citations



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# Why Citation Count Differs

- Publications in Hein but Citations Missed due to Data Errors
  - Citation errors by citing authors
    - Wrong page numbers, incorrect journal abbreviations, missing punctuation
  - OCR errors by Hein



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# Lessons Learned



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# Lessons Learned

## Focus on Greatest Impact / Lowest Time Investment

- Name variations
- Review list of attributed works in Hein
- *Selective* citation review

## Communication is Key

- with Hein
- with Faculty *and their self-review support*
  - UW Law Library Checklist for Faculty Scholar Profile Reviews
  - GSU Law Library Faculty Citation Reports LibGuide



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# Recommendations to Hein

Lessons Learned & Shared	Hein's Responsive Effort
OCR is faulty	Improving OCR
Bluebook is faulty	Added citation formats
Administrative Dashboard	Working on it . . .
Embargoed content?	Embargoed and Indexed included

Preemptive Review Will Occur for U.S. News Reporting:  
Libraries will be notified of data prior to sharing with U.S. News &  
World Report.



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## Additional Recommendations to Hein:

**Notification of Changes to Institutional Authors & Profiles:**  
tell libraries when people and works added for our institution

**Expand Hein Dataset:** License or index additional content so more publications and citations are counted . . .

. . . Add Books

. . . Add Foreign Language

. . . Add Cross-Disciplinary



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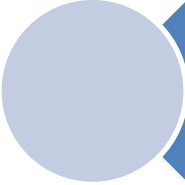
# Take-Aways



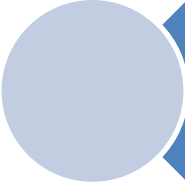
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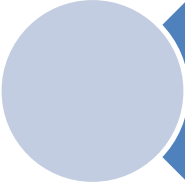
# Take-Aways



HeinOnline's database was preferred by Deans and U.S. News because its content is curated, not produced by an algorithm.



HeinOnline is vetting name variations and aliases, catching and capturing typos, and adding additional name versions.



The Faculty Authors listed for an institution *will probably* differ from those analyzed and included by U.S. News because the list includes non-tenure track faculty.

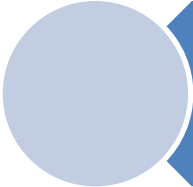


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# Take-Aways



ScholarCheck & Rank are not the metrics  
U.S.News & World Report will be using.



U.S. News' new ranking will be at the law school  
level, not at the individual faculty level.



Author self-review and outreach is key.



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# Questions & Answers

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