



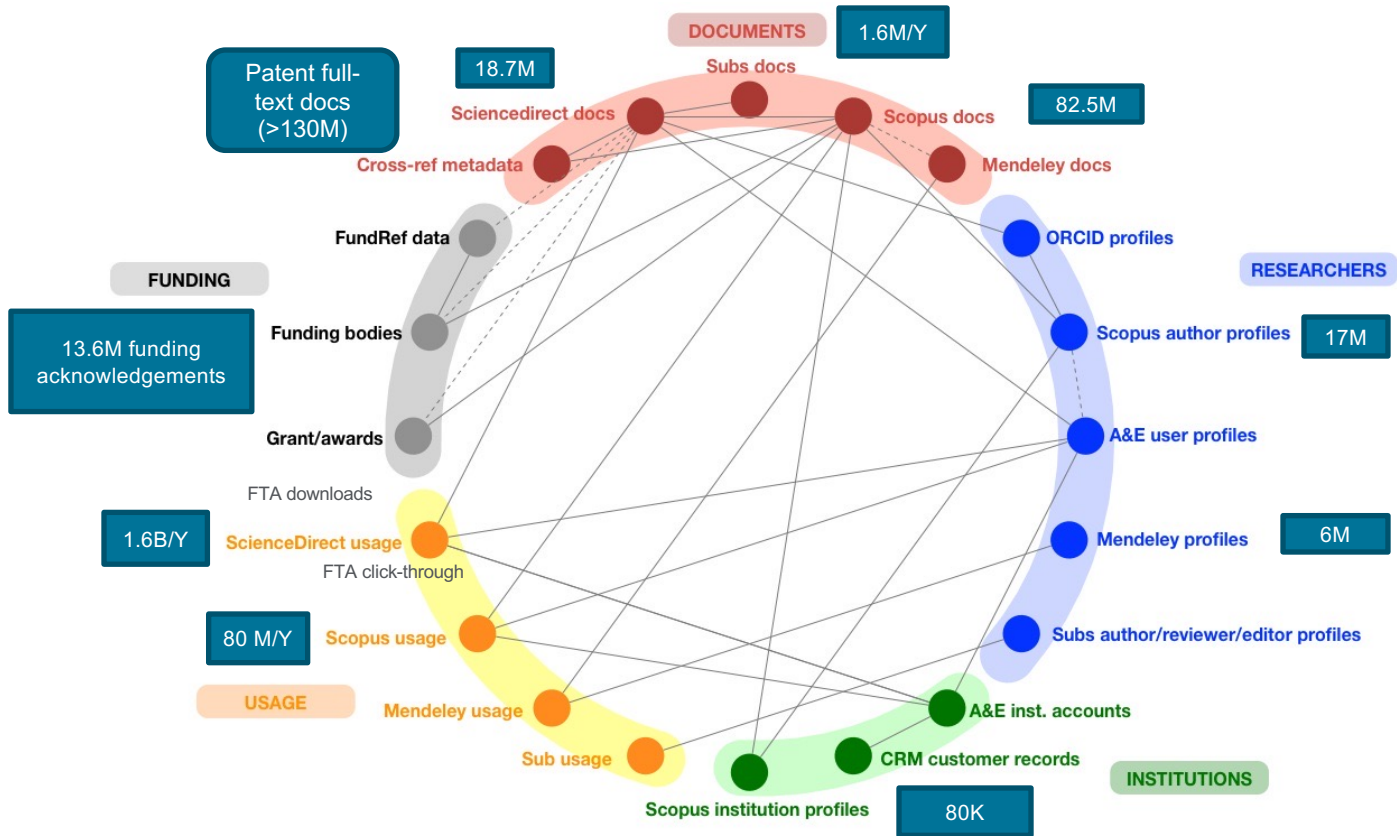
An Analysis of University-Industry and University-Government Research Collaborations in U.S. Social Science Disciplines

Daniel Calto
Director of Solution Services
Research Intelligence, Elsevier

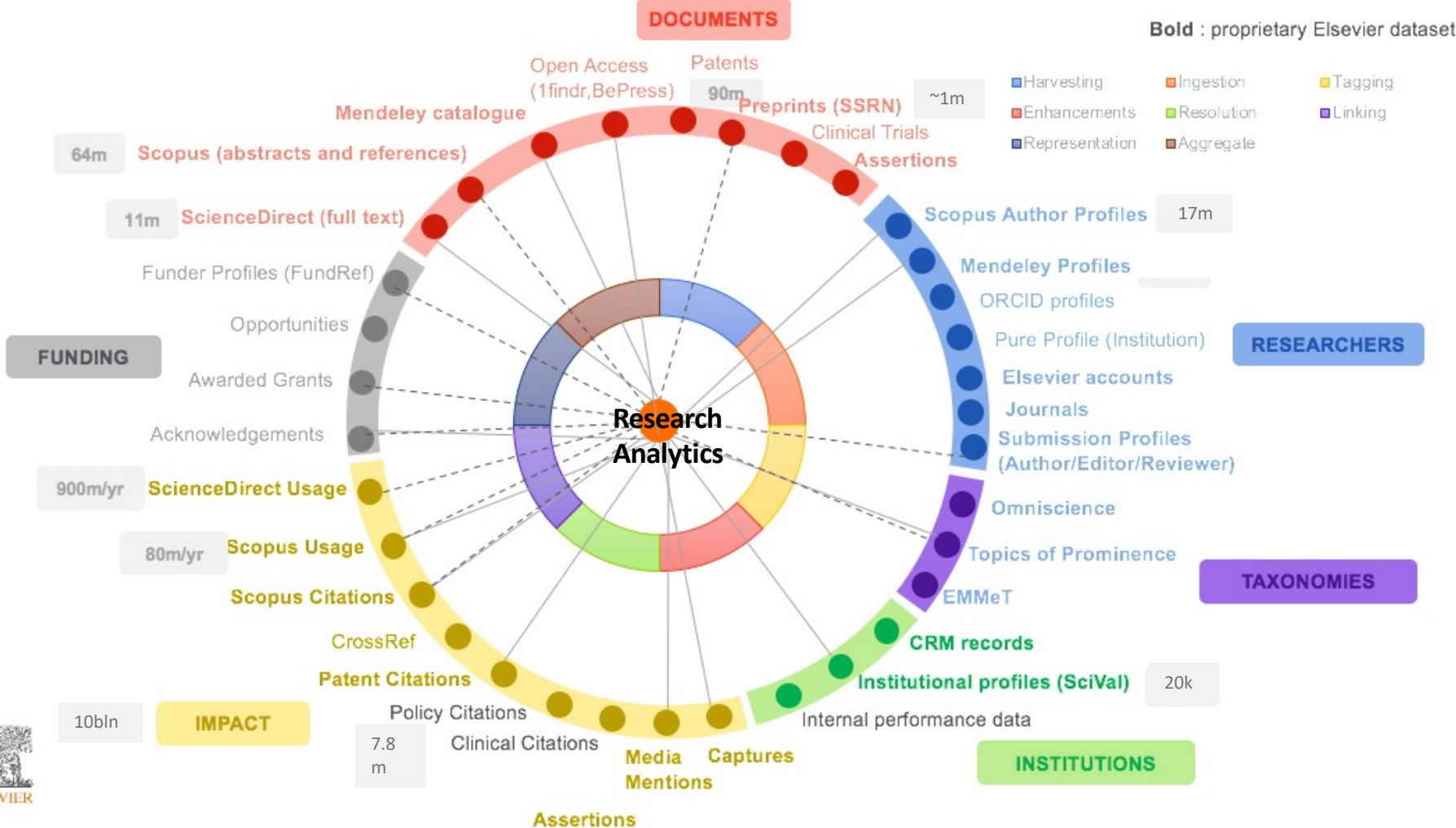
April 21-22
University of Maryland
Maryland Innovation Workshop



What Data Do We Bring to the Table?



Elsevier: Linked data and analytics for professionals across industries



Grand Challenges Are Multidisciplinary and Global

**Climate
Change**

Energy

**Poverty
Reduction**

**Aging
Populations**



Cybersecurity

**Food and
Water Security**

Environment

Research Output in the United States, 2011-2020



United States ☆

2011 to 2020



All subject areas



ASJC



Summary

Topics

Collaboration

Published

Viewed

Cited

Authors

Institutions

Economic Impact

Awarded Grants

+ Add Summary

Overall research performance

6,851,468 ▲

Scholarly Output ⓘ

40.7% All Open Access

View list of publications

3,825,851 ▲

Authors

1.43

Field-Weighted Citation Impact ⓘ

Yearly breakdown

137,577,136

Citation Count ⓘ

20.1

Citations per Publication ⓘ

Int'l and UI Partnerships in the United States, 2011-2020

Performance indicators

Outputs in Top Citation Percentiles ⓘ

+ Add to Reporting

Publications in top 10% most cited worldwide

Show as field-weighted



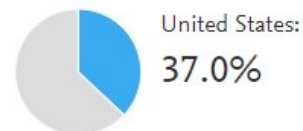
> Analyze in more detail

Publications in Top Journal Percentiles ⓘ

+ Add to Reporting

Publications in top 10% journals

by CiteScore Percentile



> Analyze in more detail

International Collaboration ⓘ

+ Add to Reporting

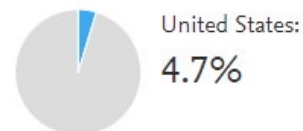
Publications co-authored with Institutions in other countries/regions



Academic-Corporate Collaboration ⓘ

+ Add to Reporting

Publications with both academic and corporate affiliations



Research Output in the US—Social Sciences, 2011-2020



United States ☆

2011 to 2020



Social Sciences



ASJC



[Summary](#) [Topics](#) [Collaboration](#) [Published](#) [Viewed](#) [Cited](#) [Authors](#) [Institutions](#) [Economic Impact](#) [Awarded Grants](#)

+ Add Summa

Overall research performance

843,423 ▲

Scholarly Output ⓘ

19.2% All Open Access

[View list of publications](#)

661,129 ▲

Authors

1.30

Field-Weighted Citation Impact ⓘ

[Yearly breakdown](#)

9,066,889

Citation Count ⓘ

10.8

Citations per Publication ⓘ

Int'l and UI Collaborations in the US—Social Sciences

Performance indicators

Outputs in Top Citation Percentiles ⓘ

+ Add to Reporting

Publications in top 10% most cited worldwide

Show as field-weighted



> Analyze in more detail

International Collaboration ⓘ

+ Add to Reporting

Publications co-authored with Institutions in other countries/regions

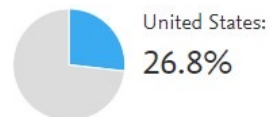


Publications in Top Journal Percentiles ⓘ

+ Add to Reporting

Publications in top 10% journals

by CiteScore Percentile



> Analyze in more detail

Academic-Corporate Collaboration ⓘ

+ Add to Reporting

Publications with both academic and corporate affiliations



Quick links

International Collaborations by the US—Social Sciences



Collaboration by the United States

2016 to 2021



Social Sciences



ASJC

Current collaboration

Potential collaboration

Countries/Regions collaborating with the United States

Worldwide



reset filter

211 collaborating countries/regions 104,231 co-authored publications



Table



Map

Metric guidance + Add to Reporting Export Shortcuts Find Country

Countries/Regions	Co-authored publications ↓	Co-authors in the United States	Co-authors in the other country/region	Field-Weighted Citation Impact ↓
United Kingdom	15,386 ▲	23,037 ▲	17,223 ▲	2.62
China	14,728 ▲	17,064 ▲	25,589 ▲	1.82
Canada	13,010 ▲	22,268 ▲	13,820 ▲	2.15
Australia	8,050 ▲	12,483 ▲	9,273 ▲	2.64
Germany	7,286 ▲	11,949 ▲	8,687 ▲	2.80
South Korea	4,837 ▲	6,453 ▲	4,824 ▲	1.44
Netherlands	4,714 ▲	7,706 ▲	5,078 ▲	3.10
Italy	3,774 ▲	6,286 ▲	5,330 ▲	2.44
France	3,676 ▲	6,666 ▲	4,766 ▲	2.70
Spain	3,564 ▲	5,650 ▲	4,767 ▲	2.55
India	3,036 ▲	5,379 ▲	4,438 ▲	1.78
Switzerland	2,874 ▲	5,873 ▲	3,243 ▲	3.11
Sweden	2,661 ▲	5,196 ▲	2,833 ▲	3.18

Industry Collaborations in the US—Social Sciences

United States ☆

[Report from template](#)

2011 to 2020



Social Sciences



ASJC



[Data sources](#)

Summary Topics Collaboration Published Viewed Cited Authors Institutions Economic Impact Awarded Grants

Institutions in the United States

[Metric guidance](#) [+ Add to Reporting](#) [Export](#)

Corporate



887 of the 3,852 Institutions in the United States have publications within Social Sciences (2011 to 2020):

[Add to panel](#) >> [Benchmark in more detail](#)

[+ New group](#)

	<input type="checkbox"/>	Institution	Scholarly Output ↓	Authors	Field-Weighted Citation Impact	Citations	Citations per Publication ↓
1.	<input type="checkbox"/>	Microsoft USA	1,391 ▲	1,275 ▲	4.01	53,322	38.3
2.	<input type="checkbox"/>	IBM	1,279 ▲	1,568 ▲	2.31	29,940	23.4
3.	<input type="checkbox"/>	RAND Corporation	1,262 ▲	783 ▲	1.54	22,204	17.6
4.	<input type="checkbox"/>	Alphabet Inc.	1,138 ▲	1,596 ▲	6.82	80,547	70.8
5.	<input type="checkbox"/>	Facebook Inc	366 ▲	378 ▲	7.19	20,275	55.4
6.	<input type="checkbox"/>	McKinsey and Company	355 ▼	306 ▼	1.26	2,636	7.4
7.	<input type="checkbox"/>	SRI International	353 ▲	261 ▲	1.87	7,222	20.5
8.	<input type="checkbox"/>	Mathematica	308 ▼	263 ▲	1.27	3,980	12.9
9.	<input type="checkbox"/>	Intel	292 ▼	387 ▼	3.03	6,914	23.7

Microsoft Collaborations—Social Sciences



Microsoft USA ☆

[Report from template](#)

[United States](#) | [More details on this Institution](#)

2011 to 2020



Social Sciences



ASJC



[Data sources](#)

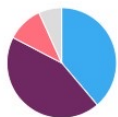
Summary Topics Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Overall Top collaborating Institutions

Collaboration ⓘ

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#)

Scholarly Output at Microsoft USA, by amount of international, national and institutional collaboration

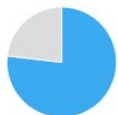


Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
International collaboration	38.8%	539	16,364	30.4	3.67
Only national collaboration	43.9%	611	26,430	43.3	4.14
Only institutional collaboration	10.6%	147	7,521	51.2	4.66
Single authorship (no collaboration)	6.8%	94	3,007	32.0	4.06

Academic-Corporate Collaboration ⓘ

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#)

Scholarly Output at Microsoft USA with both academic and corporate author affiliations



Metric	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	
Academic-corporate collaboration	76.8%	1,068	39,217	36.7	3.87
No academic-corporate collaboration	23.2%	323	14,105	43.7	4.44

Microsoft Collaborations—Social Sciences

Microsoft USA ☆

United States | More details on this Institution

2011 to 2020

Social Sciences

ASJC

100

Summary | Topics | Collaboration | Published | Viewed | Cited | Authors | Economic Impact | Societal Impact | Awarded Grants

Overall research performance

1,391 ▲

Scholarly Output ⓘ

24.4% All Open Access

[View list of publications](#)

53,322

Citation Count ⓘ

1,275 ▲

Authors

38.3

Citations per Publication ⓘ

4.01

Field-Weighted Citation Impact ⓘ

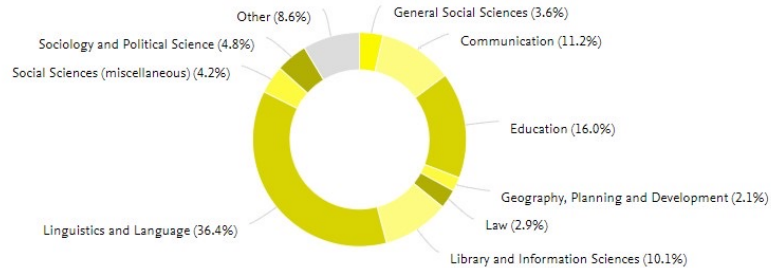
Yearly breakdown

51

h5-index ⓘ

Publications by Subject Area

Donut Chart



Worldwide

Performance percentile

99.916

99.581

99.294

93.166

96.214

99.903

95.475

87.487

96.953

Microsoft Collaborations—Social Sciences



Microsoft USA ☆

Report from template

United States | More details on this Institution

2011 to 2020



Social Sciences



ASJC



Data source

Summary Topics Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Overall Top collaborating Institutions

Top collaborating Institutions

Metric guidance + Add to Reporting Export Shortcuts

by number of publications co-authored with Microsoft USA

Add to panel

+ New group

	<input type="checkbox"/>	Institution	Co-authored publications ↓	Citations received for co-authored publications	Co-authors	Field-Weighted Citat... ▾
1.	<input type="checkbox"/>	University of Washington	60 ▲	1,538	79 ▲	3.58
2.	<input type="checkbox"/>	Carnegie Mellon University	51 ▲	3,474	66 ▲	6.10
3.	<input type="checkbox"/>	Alphabet Inc.	40 ▲	3,095	41 ▲	7.01
4.	<input type="checkbox"/>	Stanford University	37 ▲	2,875	46 ▲	8.55
5.	<input type="checkbox"/>	Harbin Institute of Technology	34 ▲	3,367	35 ▲	4.60
6.	<input type="checkbox"/>	Peking University	34 ▲	1,264	42 ▲	4.13
7.	<input type="checkbox"/>	Tsinghua University	31 ▲	744	50 ▲	3.75
8.	<input type="checkbox"/>	Johns Hopkins University	29 ▲	1,037	34 ▲	4.10
9.	<input type="checkbox"/>	University of Cambridge	28	743	42 ▼	4.78
10.	<input type="checkbox"/>	University of Maryland, College Park	27 ▲	568	30 ▲	2.80

Ford Motor Collaborations—Social Sciences

At this Institution

Worldwide



Ford Motor Company ☆

United States | More details on this Institution

2011 to 2020

Social Sciences

ASJC

Summary Topics Collaboration Published Viewed Cited Authors Economic Impact Societal Impact Awarded Grants

Overall research performance

154 ▲

Scholarly Output ⓘ

21.4% All Open Access

View list of publications

175 ▲

Authors

1.63

Field-Weighted Citation Impact ⓘ

Yearly breakdown

2,310

Citation Count ⓘ

15.0

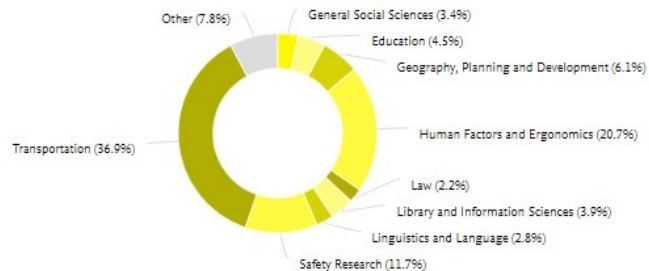
Citations per Publication ⓘ

11

h5-index ⓘ

Publications by Subject Area

Donut Chart



Ford Motor Collaborations—Social Sciences



Publications co-authored by Ford Motor Company and Carnegie Mellon University

Within: Social Sciences | Year range: 2011 to 2020

Export

Authors

- Feit, E.M.D. 2
- Michalek, J.J. 2
- Aich, S. 1
- Fuchs, E.R.H. 1
- Helveston, J.P. 1

Show more View all

Institutions

- Carnegie Mellon University 3
- Ford Motor Company 3
- Drexel University 2
- Stanford University 1

3 publications | Save as Publication Set

Title	Authors	Year	Scopus Source	Citations
Will subsidies drive electric vehicle adoption? Measuring consumer preferences in the U.S. and China <i>Open Access</i> View abstract View in Scopus	Helveston, J.P., Liu, Y., Feit, E.M. and 3 more	2015	Transportation Research Part A: Policy and Practice	243
Distraction becomes engagement in automated driving View abstract View in Scopus	Miller, D., Sun, A., Johns, M. and 4 more	2015	Proceedings of the Human Factors and Ergonomics Society	77
Forecasting light-duty vehicle demand using alternative-specific constants for endogeneity correction versus calibration View abstract View in Scopus	Haaf, C.G., Morrow, W.R., Azevedo, I.M.L. and 2 more	2016	Transportation Research Part B: Methodological	9

- 8. Vrije Universiteit Amsterdam 3 ▲
- 9. Carnegie Mellon University 3 329 6
- 10. Georgia Institute of Technology 3 ▼ 45 6 ▼

3.34
11.88
1.63

US Top Industry Collaborations—Arts and Humanities



United States ☆

2011 to 2020



Arts and Humanities



ASJC



Summary Topics Collaboration Published Viewed Cited Authors **Institutions** Economic Impact Awarded Grants

Institutions in the United States

① Metric guidance

Corporate



413 of the 3,886 Institutions in the United States have publications within Arts and Humanities (2011 to 2020):

Add to panel >> Benchmark in more detail

	<input type="checkbox"/>	Institution	Scholarly Output ↓	Authors	Field-Weighted Citation Impact	Citations
1.	<input type="checkbox"/>	Microsoft USA	952 ▲	824 ▲	4.08	37,594
2.	<input type="checkbox"/>	Alphabet Inc.	898 ▲	1,213 ▲	8.02	77,479
3.	<input type="checkbox"/>	IBM	653 ▲	665 ▲	2.94	18,100
4.	<input type="checkbox"/>	Facebook Inc	309 ▲	309 ▲	7.86	18,930
5.	<input type="checkbox"/>	Amazon.com, Inc.	215 ▲	342 ▲	2.57	3,041
6.	<input type="checkbox"/>	RAND Corporation	192 ▼	209 ▲	1.97	3,664
7.	<input type="checkbox"/>	SRI International	95 ▼	75 ▼	2.15	1,812
8.	<input type="checkbox"/>	Nuance Communications, Inc.	87 ▼	119 ▲	1.35	1,053
9.	<input type="checkbox"/>	BBN Technologies	76 ▼	99 ▼	1.92	1,171
10.	<input type="checkbox"/>	Raytheon	65 ▼	92 ▼	1.73	1,049
11.	<input type="checkbox"/>	Adobe Systems Incorporated	59 ▲	62 ▲	2.59	1,123
12.	<input type="checkbox"/>	Intel	58 ▲	87 ▲	8.41	4,015
13.	<input type="checkbox"/>	Xerox	46 ▼	42 ▼	0.85	541

Vaccine Hesitancy and Anti-Vax Movement—Global Research, 2016-21



Topic T.4759 Analyze in Grants | part of Topic Cluster TC.367 - Vaccination; Vaccines; Immunization

Vaccine Hesitancy; Measles; Anti-Vaccination Movement ☆

2016 to 2021

[Summary](#) [Institutions](#) [Countries & Regions](#) [Authors](#) [Scopus Sources](#) [Keyphrases](#) [Related Topics](#)

Overall research performance

4,226

Scholarly Output ⓘ



[View list of publications](#)

3.35

Field-Weighted Citation Impact ⓘ



845

International Collaboration ⓘ



96,757

Views Count ⓘ

43,342

Citation Count ⓘ

99.464 ▲

Topic Prominence percentile ⓘ



[Calculation breakdown](#)

Vaccine Hesitancy and Anti-Vax Movement—Global Research

Vaccine Hesitancy; Measles; Anti-Vaccination Movement ☆











2016 to 2021

[Summary](#)
[Institutions](#)
[Countries & Regions](#)
[Authors](#)
[Scopus Sources](#)
[Keyphrases](#)
[Related Topics](#)

Top countries/regions

Worldwide

Top 100 countries/regions in this Topic, by Scholarly Output

<input type="checkbox"/>	Countries/Regions	Scholarly Output ↓	Views Count ↓	Field-Weighted Citation Impact ↓
1.	<input type="checkbox"/>  United States	1,461	34,575	3.95
2.	<input type="checkbox"/>  United Kingdom	427	12,940	6.79
3.	<input type="checkbox"/>  Italy	295	9,611	3.05
4.	<input type="checkbox"/>  Australia	276	10,501	3.14
5.	<input type="checkbox"/>  Canada	259	7,807	3.16
6.	<input type="checkbox"/>  France	181	4,696	4.19
7.	<input type="checkbox"/>  China	178	3,406	4.63
8.	<input type="checkbox"/>  Germany	153	3,592	4.00
9.	<input type="checkbox"/>  India	112	1,737	2.57
10.	<input type="checkbox"/>  Switzerland	105	2,628	3.12

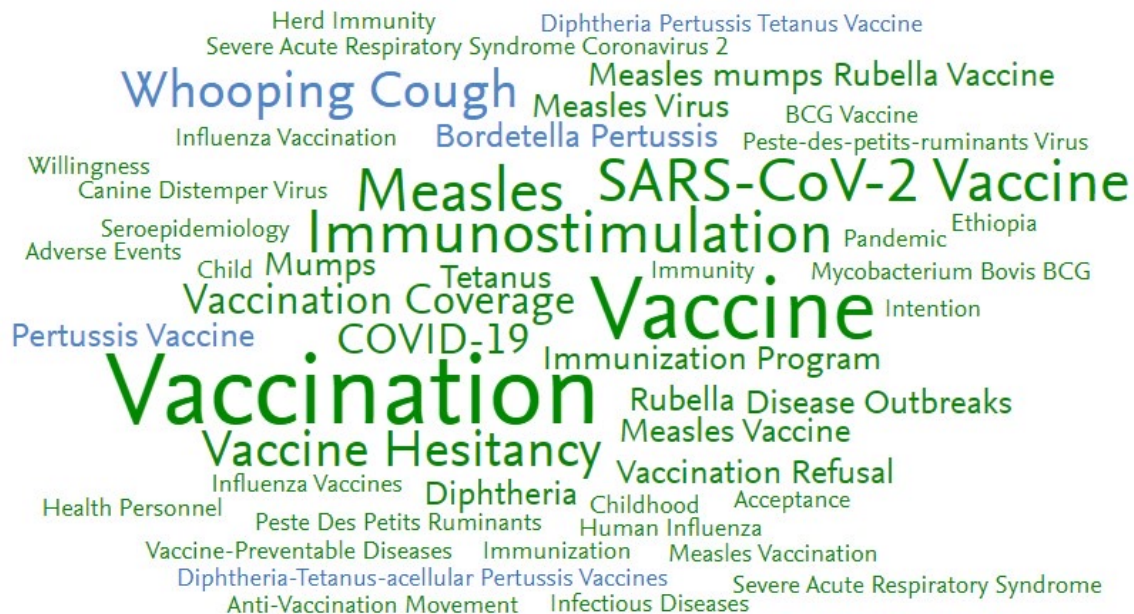
Vaccine Hesitancy and Anti-Vax Movement—Global Research



Topic Cluster character



Top 50 keyphrases by relevance, based on 17,171 publications | [Learn about keyphrase calculations](#) ↗



Vaccine Hesitancy and Anti-Vax Movement—Global Research



Vaccine Hesitancy; Measles; Anti-Vaccination Movement ☆

2016 to 2021

Summary Institutions Countries & Regions Authors Scopus Sources Keyphrases Related Topics

Top Institutions

Worldwide All sectors

Table Visualization

Metric guidance + Add

Top 100 Institutions in this Topic, by Scholarly Output | Scroll to Home Institution

Compare over time

<input type="checkbox"/>	Institution	Scholarly Output ↓	Views Count ↓	Field-Weighted Citation Impact ↓
1. <input type="checkbox"/>	Johns Hopkins University	103	2,611	5.90
2. <input type="checkbox"/>	London School of Hygiene and Tropical Medicine	94	2,915	10.83
3. <input type="checkbox"/>	University of Sydney	87	3,772	2.87
4. <input type="checkbox"/>	University of Washington	87	2,483	6.86
5. <input type="checkbox"/>	Emory University	82	2,386	3.43
6. <input type="checkbox"/>	Harvard University	81	2,326	3.61
7. <input type="checkbox"/>	University of Colorado Anschutz Medical Campus	76	1,717	2.33
8. <input type="checkbox"/>	Institut national de la santé et de la recherche médicale	71	2,012	7.22
9. <input type="checkbox"/>	University of Pennsylvania	68	1,507	2.59
10. <input type="checkbox"/>	Centers for Disease Control and Prevention	55	1,527	2.99
11. <input type="checkbox"/>	University of Michigan, Ann Arbor	54	1,147	5.02
12. <input type="checkbox"/>	Yale University	54	1,255	5.02

Vaccine Hesitancy and Anti-Vax Movement—Global Research



Vaccine Hesitancy; Measles; Anti-Vaccination Movement ☆

Report from ten

2016 to 2021

Data sc

Summary **Institutions** Countries & Regions Authors Scopus Sources Keyphrases Related Topics

Top Institutions

Worldwide Government reset filter

Table Visualization

Metric guidance + Add to Reporting Export

Top 100 Institutions in this Topic, by Scholarly Output

Heatmap

Compare over time

+ New group

<input type="checkbox"/>	Institution	Scholarly Output ↓	Views Count ↓	Field-Weighted Citation Impact ↓	Citation Count ↓
1. <input type="checkbox"/>	Institut national de la santé et de la recherche médicale	71	2,012	7.22	1,930
2. <input type="checkbox"/>	Centers for Disease Control and Prevention	55	1,527	2.99	1,131
3. <input type="checkbox"/>	World Health Organization	47	1,527	3.27	800
4. <input type="checkbox"/>	Institut national de santé publique du Québec	45	2,068	3.71	978
5. <input type="checkbox"/>	CNRS	44	1,258	6.90	824
6. <input type="checkbox"/>	Institut de recherche pour le développement	38	1,304	4.40	1,307
7. <input type="checkbox"/>	South African Medical Research Council	28	759	6.92	554
8. <input type="checkbox"/>	Public Health England	27	937	3.60	523

Vaccine Hesitancy and Anti-Vax Movement—Global Research



Vaccine Hesitancy; Measles; Anti-Vaccination Movement ☆

Report from te

2016 to 2021

Data s

Summary Institutions **Countries & Regions** Authors Scopus Sources Keyphrases Related Topics

Top countries/regions

Worldwide

Table Visualization

Metric guidance + Add to Reporting Export

Top 100 countries/regions in this Topic, by Scholarly Output

Heatmap

Compare over time

+ New group

<input type="checkbox"/>	Countries/Regions	Scholarly Output ↓	Views Count ↓	Field-Weighted Citation Impact ↓	Citation Count ↓
1. <input type="checkbox"/>	United States	1,461	34,575	3.95	19,746
2. <input type="checkbox"/>	United Kingdom	427	12,940	6.79	7,760
3. <input type="checkbox"/>	Italy	295	9,611	3.05	3,440
4. <input type="checkbox"/>	Australia	276	10,501	3.14	3,654
5. <input type="checkbox"/>	Canada	259	7,807	3.16	3,709
6. <input type="checkbox"/>	France	181	4,696	4.19	3,002
7. <input type="checkbox"/>	China	178	3,406	4.63	1,426
8. <input type="checkbox"/>	Germany	153	3,592	4.00	2,219

Academia and Government Collaboration—Social Sciences



Collaboration by the University of Maryland, College Park

United States [More details on this Institution](#)

2016 to 2021



Social Sciences



ASJC

Current collaboration

Potential collaboration

Institutions collaborating with the University of Maryland, College Park

North America



All countries/regions



Government



All authors



reset filter

68 collaborating institutions 277 co-authored publications

Table

Map

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#) [Find institut](#)

Institution	Co-authored publications	Co-authors at the University of Maryland, College Park	Co-authors at the other institution	Field-Weighted Citation Impact
United States Department of Agriculture	30	43	50	3.09
National Institutes of Health	27	37	43	2.00
World Bank	21	21	26	1.58
NASA Goddard Space Flight Center	19	27	36	7.08
National Oceanic and Atmospheric Administration	16	21	21	6.10
Pacific Northwest National Laboratory	16	23	31	9.29
National Bureau of Economic Research	15	13	15	1.82
United States Geological Survey	13	22	17	6.74
United States Environmental Protection Agency	11	12	13	2.69
Oak Ridge National Laboratory	10	10	11	9.92
Walter Reed Army Institute of Research	10	25	17	1.93

Academic Collaboration—Social Sciences, 2016-2021

Collaboration within the AAU - Association of American Universities

All authors

Matrix Table

Export Shortcuts

View Co-authored publications for the 65 collaborating institutions within AAU - Association of American Universities 0  312

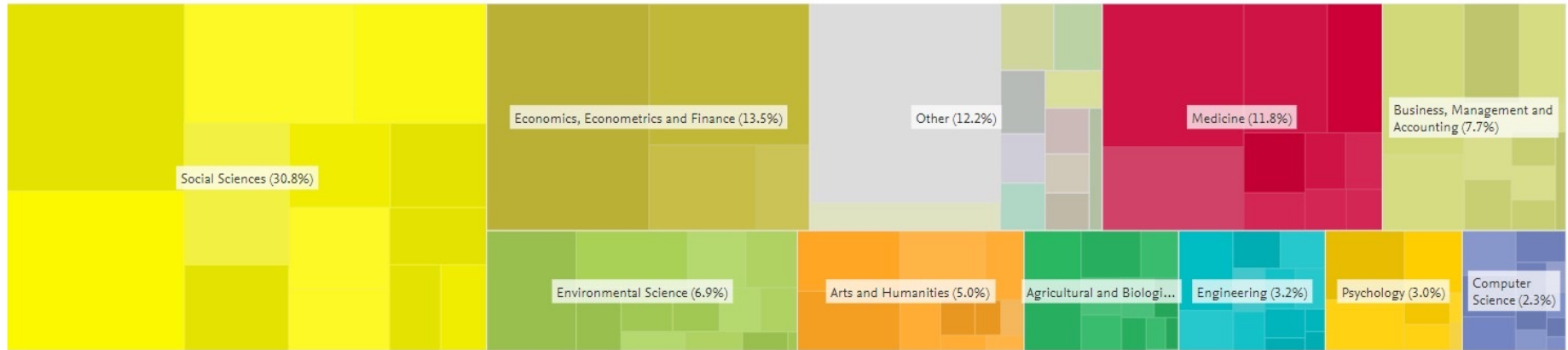
Institutions	Harvard University	Stanford University	Boston University	McGill University	University of Toronto	Columbia University	New York University	Massachusetts Institute of Technology	Duke University	University of North ... Chapel Hill	University of Michigan, Ann Arbor	Yale University
Rutgers - The State University of New Jersey, New Brunswick	52	22	33	21	25	116	75	13	26	21	61	34
Vanderbilt University	115	85	30	10	14	47	66	15	39	60	63	40
The University of Chicago	106	89	21	12	31	94	72	17	58	36	92	54
University of California at Irvine	56	65	8	18	30	54	50	24	24	49	72	32
University of Wisconsin-Madison	103	66	48	27	35	63	56	37	44	47	92	52
Pennsylvania State University	76	50	20	26	49	50	67	26	62	95	109	51
Ohio State University	71	43	34	12	47	45	53	12	33	70	107	19
Carnegie Mellon University	23	46	7	4	25	35	36	34	17	14	30	11
University of Pittsburgh	79	37	29	6	23	61	43	14	36	62	64	55
University of Maryland, College Park	90	52	30	20	32	61	52	23	38	66	69	33
Cornell University	100	78	25	28	58	85	86	31	34	36	66	40
Emory University	95	49	27	11	16	68	32	11	44	57	75	62
University of California at San Diego	88	79	40	14	67	63	40	30	20	41	61	49

SDG 1: No Poverty

Publications by Subject Area

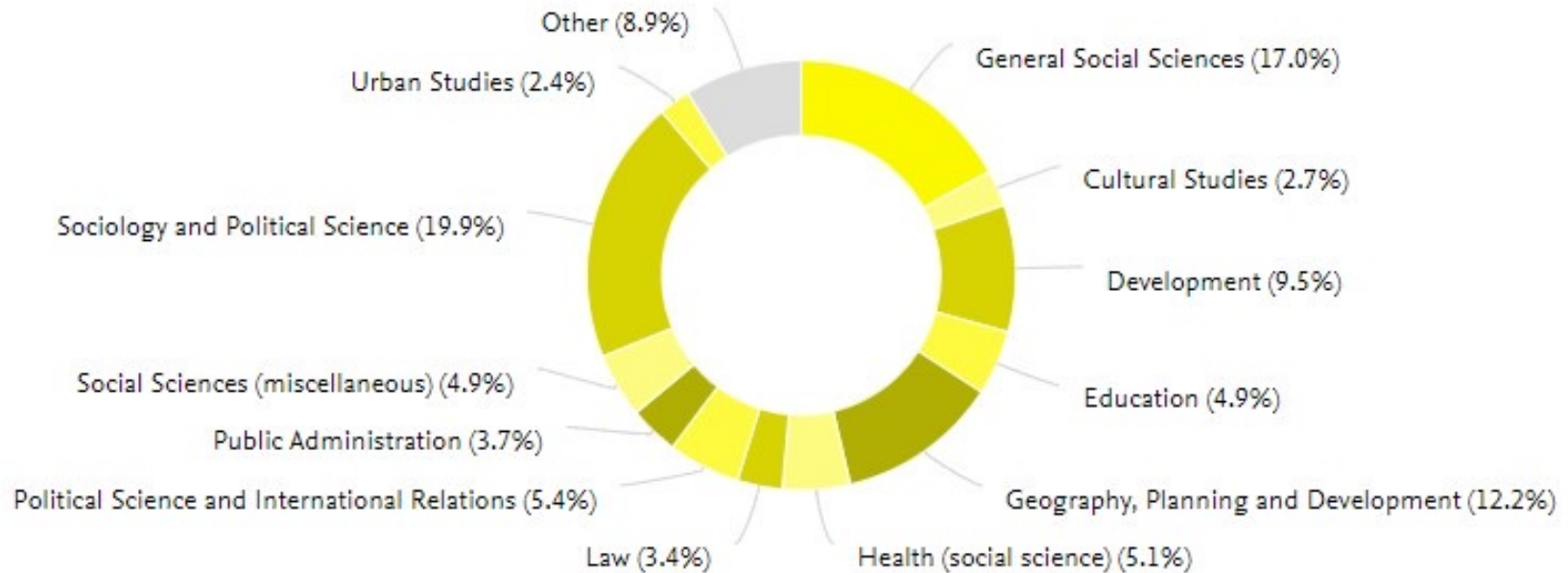
[+ Add to Reporting](#)

Treemap



[> Analyze in more detail](#)

SDG 1: No Poverty



SDG 1: No Poverty



SDG 1: No Poverty (2021) ☆

[Report from template](#)

[Analyze Research Area in detail](#) | [View Research Area definition](#)

2011 to 2020 All subject areas ASJC

[Data sources](#)

[Summary](#) [Topics](#) [Collaboration](#) [Published](#) [Viewed](#) [Cited](#) [Authors](#) [Institutions](#) [Economic Impact](#)

Most active Institutions in this Research Area

[Metric guidance](#) [+ Add to Reporting](#) [Export](#) [Shortcuts](#)

Top 10 Institutions worldwide in this Research Area, by number of publications | [Analyze top 100 in more detail](#)

Institution	Scholarly Output ↓	Citations ↓
1. Harvard University	1,785 ▲	60,177
2. University of Oxford	1,279 ▲	34,080
3. CNRS	1,045 ▲	13,295
4. Columbia University	956 ▲	23,217
5. University of Toronto	915 ▲	23,372
6. The London School of Economics and Political Science	913 ▲	22,818
7. University College London	850 ▲	21,892
8. World Bank	816 ▼	20,989
9. University of Michigan, Ann Arbor	771 ▲	18,744
10. Johns Hopkins University	759 ▲	17,519
49. University of Maryland, College Park	435 ▲	8,079

SDG 1: No Poverty



SDG 1: No Poverty (2021) ☆

[Report from template](#)[Analyze Research Area in detail](#) | [View Research Area definition](#)

2011 to 2020



All subject areas



ASJC

[Data sources](#)[Summary](#) | [Topics](#) | [Collaboration](#) | [Published](#) | [Viewed](#) | [Cited](#) | [Authors](#) | [Institutions](#) | [Economic Impact](#)

Topics & Topic Clusters

[Metric guidance](#) | [Add to Reporting](#) | [Export](#)

Between 2011 to 2020, SDG 1: No Poverty (2021) has contributed to:

 1,191 Topic Clusters | [Learn about Topics and Topic Clusters](#) 16,978 Topics

Table



Wheel



Scatter

All Topics



Search

[Add to panel](#) | [Create Research Area](#) | [Analyze as Group in Grants](#) | [Prominence percentile over time](#)

Topic	In this Research Area			Worldwide
	Scholarly Output ↓	Publication Share	Field-Weighted Citation Impact	Prominence percentile
<input type="checkbox"/> Credit; Microcredit; Financial Inclusion T.1021	2,703	71.98% ▼	0.93	98.584
<input type="checkbox"/> Welfare State; Social Investment; Labour Market T.2921	1,762	47.18% ▼	1.24	97.828
<input type="checkbox"/> Food Pantries; Program Participation; Family Characteristic T.3164	1,028	33.77% ▼	1.45	99.261
<input type="checkbox"/> Climate Change Adaptation; Urban Climate; Resilience T.1567	927	12.41% ▼	1.30	99.868
<input type="checkbox"/> Health Coverage; User Fees; National Health Programs T.6280	857	46.50% ▼	0.93	95.426
<input type="checkbox"/> Rural Cooperative; Medical Insurance; China T.5624	740	29.65% ▼	1.29	98.021



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Thank You

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Assessing the Impact of Interdisciplinary Approaches in Academic-Industry Collaboration

Social Sciences, interdisciplinary early-stage
research, and SSRN

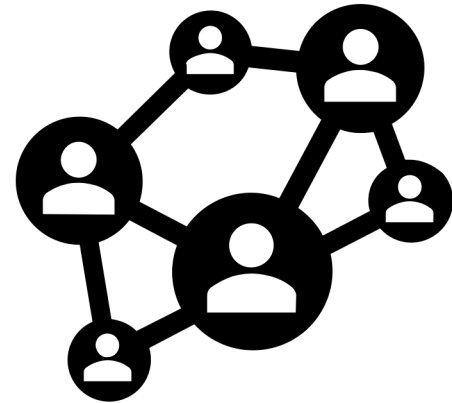
Shirley Decker-Lucke

Content Director, SSRN, Elsevier

SSRN.com

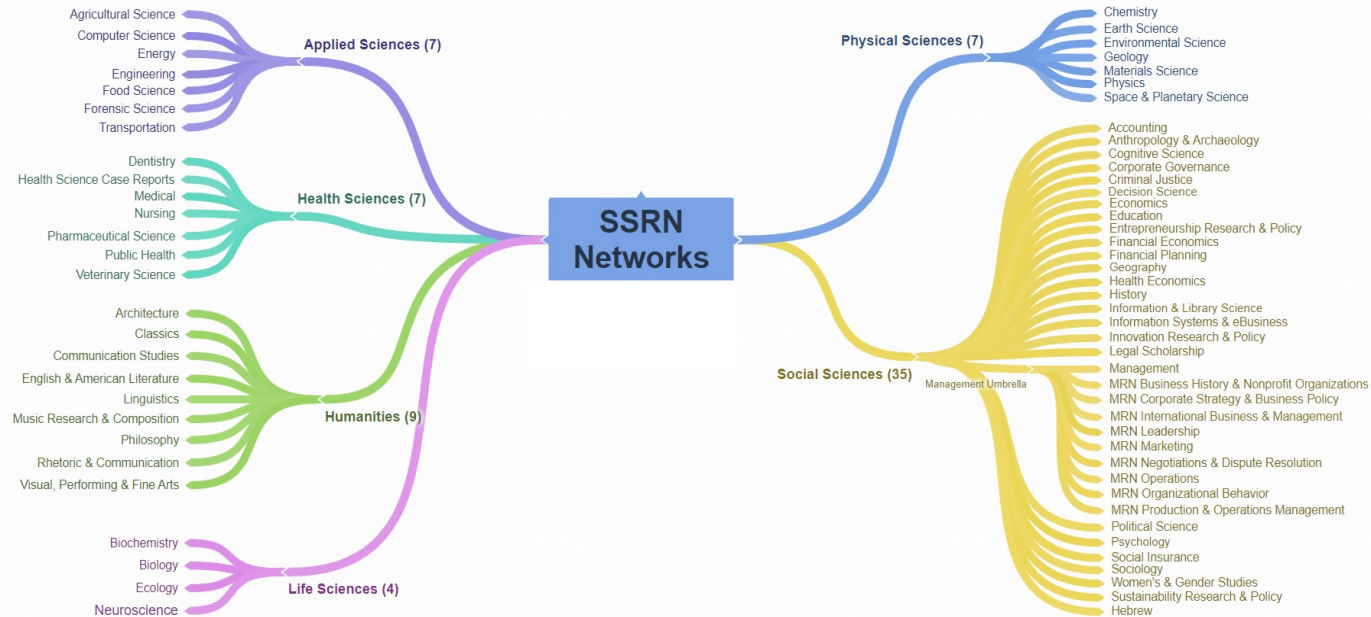
UIDP, Maryland Innovation Workshop

April 20, 2022



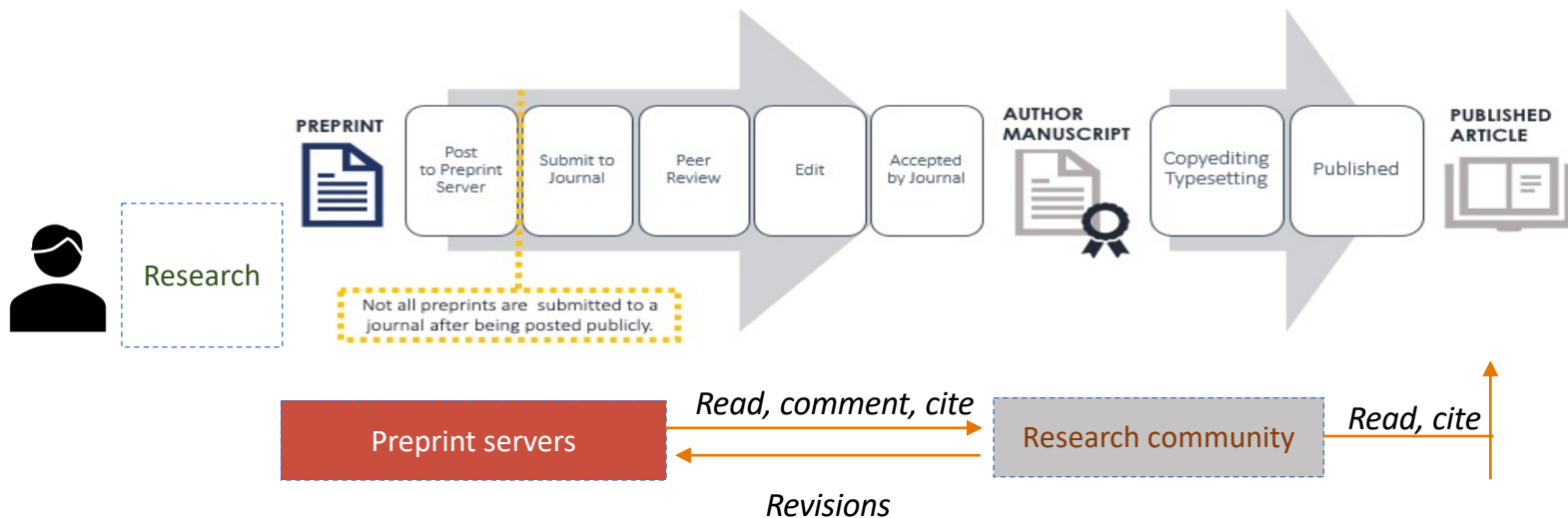
SSRN- grew from Social Sciences

- Founded in 1994
- Started in the Social Sciences
- Represents 70 disciplines across the **full research spectrum**
- Hosts preprints, proceedings, accepted papers, papers under review and working papers and abstracts of published works
- Enables scholars to post research and read research for free
- Provides detailed author metrics (views, downloads, as well as “altmetrics” via PlumX)



What are Preprints?

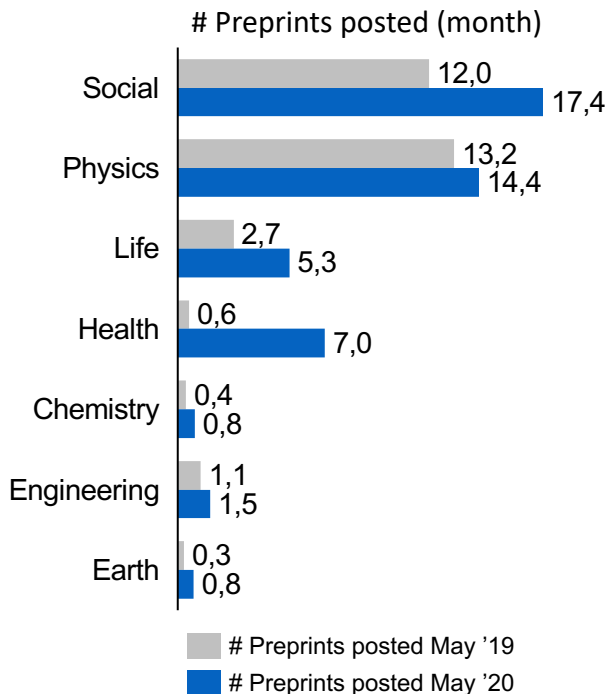
Researcher workflow



Preprints are early versions of research papers, shared ahead of formal peer review, and provide key benefits to researchers

Preprints are growing in all disciplines

Preprint growth by scholarly domain



- All scholarly domains showed growth in preprints.
- Monthly preprint postings grew by 57% May '19 to May '20.
- Preprint postings were ~50.2k per month May '20.
- The traditional preprint domains Social and Physics still comprise ~67% of preprints, but preprints are increasingly adopted in new domains, especially Life and Health, and to lesser extent Chemistry
- Support for preprints by funders, universities, publishers and infrastructure players has increased
- ~ 60 preprint servers run by societies, funders, governments, scholarly publishers, etc.

SSRN – All Disciplines

Research

- 963K papers
- 103K new papers submitted in last 12 months
- ~80% of the papers on SSRN are preprints and working papers

Downloads

- 24M downloads in the last 12 months

Authors

- 827K authors

Social Science Hubs & Networks on SSRN

Research networks are specialized subject areas complete with its own taxonomies and collections of papers across the social science spectrum

✓ Accounting, Corporate Governance

✓ Anthropology, Geography, History, Psychology, Sociology

- Mental Health
- Social Justice
- Structural Inequalities

✓ Criminal Justice, Legal Scholarship

- Implications of technology on privacy

✓ Economics, Financial Economics, Health Economics, Social Insurance

✓ Management, Corporate Strategy, Marketing, Negotiations, Operations

✓ Political Science

- Race & Social Inequality

Subject areas focused on threats to democracies

✓ Women's & Gender Studies

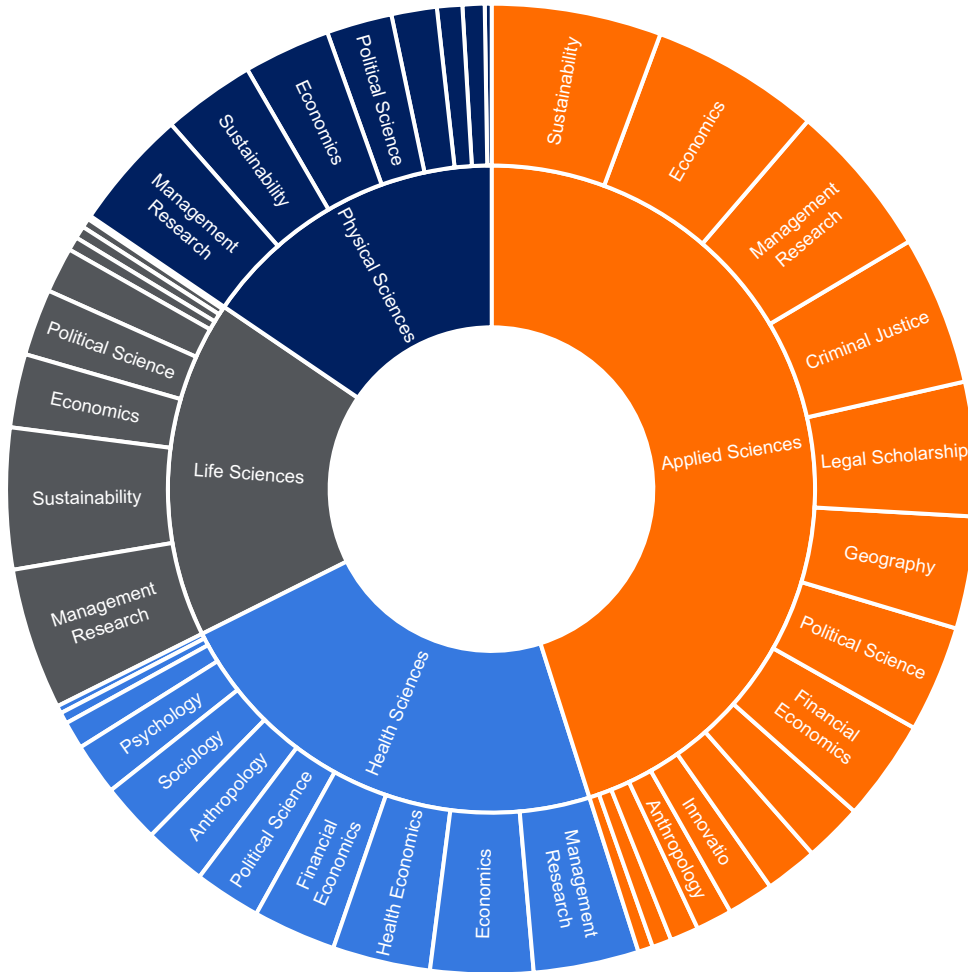
✓ Information & Library Science, Information Systems, Innovation Research

✓ Sustainability

- Clean energy
- CSR, ESG
- Food & Water Insecurity

✓ Cognitive Science, Decision Science, Education, Entrepreneurship

Social Science research on SSRN is very interdisciplinary

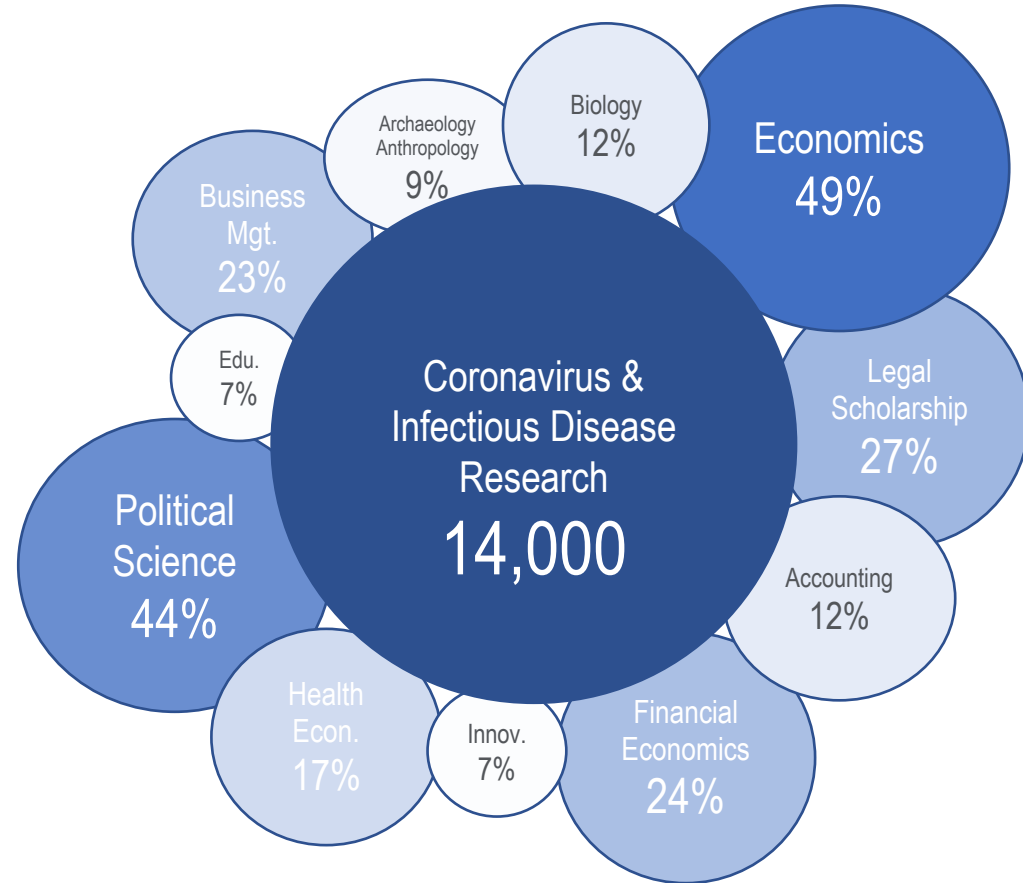


Sunburst shows the interdisciplinary overlap between Social Science subjects on SSRN (outside circle) and major disciplines (inside circle).

Interdisciplinary collaboration and Covid-19

Coronavirus & Infectious Disease Research on SSRN

- COVID-19 Research **4,800 Papers**
- Infectious Disease Research **30 Papers**
- Interdisciplinary Coronavirus & Infectious Disease Related Research **9,600 Papers**

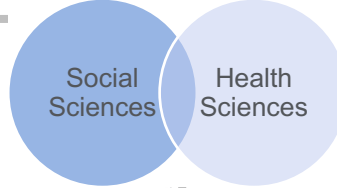


Coronavirus Content on SSRN covers many subject areas



- Financial
- Global
- Inequality
- Management
- Law
- Investment
- Policy
- Economy

Usage and social media attention are one impact evaluation metric



Correlates and Disparities of COVID-19 Vaccine Hesitancy

20 Pages • Posted: 12 Aug 2020

[Timothy Callaghan](#)

Texas A&M University

[Ali Moghtaderi](#)

The George Washington University

[Jennifer A. Lueck](#)

Department of Communication

[Peter J. Hotez](#)

Baylor College of Medicine

[Ulrich Strych](#)

Department of Pediatrics and Molecular Virology & Microbiology

[Avi Dor](#)

Case Western Reserve University - Department of Economics; National Bureau of Economic Research (NBER)

[Erika Franklin Fowler](#)

Wesleyan University - Government

[Matt Motta](#)

Oklahoma State University - Stillwater

Date Written: August 5, 2020

Abstract

Objective: To understand the correlates of COVID-19 vaccine hesitancy in the American public and the reasons why individuals intend to refuse a COVID-19 vaccine.

Paper statistics

DOWNLOADS	ABSTRACT VIEWS	RANK
4,320	14,630	2,999

33 Citations  

29 References

PlumX Metrics



Citations
Citation Indexes: **33**

Usage
Abstract Views: **14615**
Downloads: **4314**

Captures
Readers: **136**

Mentions
News Mentions: **32**

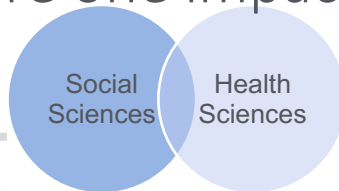
Social Media
Tweets: **14**

[see details](#)

Usage and social media attention are one impact evaluation metric



ELSEVIER



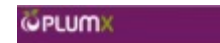
Paper statistics

DOWNLOADS	ABSTRACT VIEWS	RANK
2,123	5,859	9,696

1 Citations ⌵

41 References

PlumX Metrics



Citations

Citation Indexes: 1

Usage

Abstract Views: **5856**

Downloads: **2122**

Captures

Readers: 10

Mentions

Blog Mentions: 3

Social Media

Tweets: **24**

[see details](#)

The COVID-19 Vaccine Race: Intellectual Property, Collaboration(s), Nationalism and Misinformation

Washington University Journal of Law and Policy, Vol. 64, 2020

22 Pages • Posted: 25 Jul 2020

[Ana Santos Rutschman](#)

Saint Louis University - School of Law

Date Written: July 21, 2020

Abstract

Vaccines have long played a crucial role in the prevention, mitigation and eradication of infectious diseases. More than any other recent outbreak, the COVID-19 pandemic has brought the phenomenon of the vaccine race to the forefront of personal, national and global preoccupations. This symposium contribution examines the early features and takeaways of the COVID-19 vaccine race in four parts. The essay begins by situating the ongoing vaccine race into contemporary frameworks for biopharmaceutical research and development (R&D). Part II examines the role of proprietary and nationalistic modes of vaccine production and distribution, with an emphasis on the effects of patents and pre-production agreements on distributive outcomes of the COVID-19 vaccine race. Part III then turns to emerging efforts to counter overly patent-dependent and nationalistic approaches to vaccine R&D. It describes and assesses the role(s) played by the World Health Organization, as well as public-private partnerships like CEPI (the Coalition for Epidemic Preparedness Innovations) and Gavi, a Geneva-based vaccine procurement organization. Moreover, it offers a case study on COVAX, a quasi-global push and pull mechanism designed during the early stages of the COVID-19 pandemic to promote vaccine

Thank You!

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