

SUMMER 2023

RESEARCH NEWSLETTER

Northwestern University Feinberg School of Medicine



For more info,
please visit our website:

[www.feinberg.northwestern.edu/
sites/emergencymed/research](http://www.feinberg.northwestern.edu/sites/emergencymed/research)

DEPARTMENT OF EMERGENCY MEDICINE

The Department of Emergency Medicine at Northwestern University Feinberg School of Medicine publishes this quarterly research newsletter to highlight department newcomers, Q & A sections from current faculty and alumni, faculty and residency research spotlights, publications updates, and many more features.



RESIDENT SPOTLIGHT

CONGRATS!

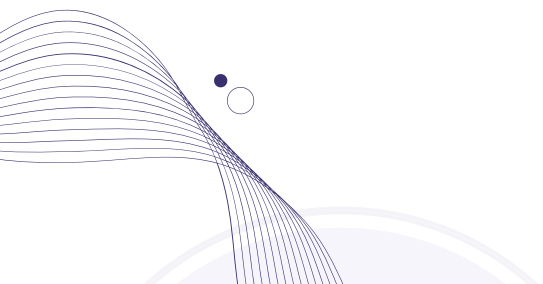
Congrats to Dr. Alexander Reardon on getting published in [BioMed Central](#). He and the Vot-ER team have been working on this project since 2021 and are excited to share it with everyone. Please take some time to read his publication:

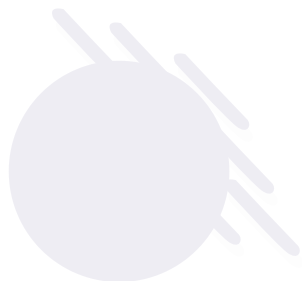
[The Healthy Democracy Kit: design, implementation, uptake, and impact of a novel voter registration toolkit for healthcare settings](#)

Congratulations Alex!

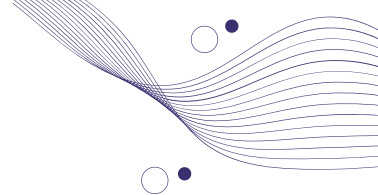


Alexander Reardon, MD





RESEARCH IMPACT



Galter Health Sciences Library and Learning Center's reporting services, the Metric and Impact Core, provided us with publication impact data for the Emergency Medicine faculty from 2018-2022 that we will highlight in this, and future, newsletters.

The faculty's 324 documents from 2018 - 2022 have contributed greatly to the scholarly record, and have cumulatively generated over 3,628 citations during that same time period. The most highly cited document with 892 citations is:

Adams J.G., Walls R.M.

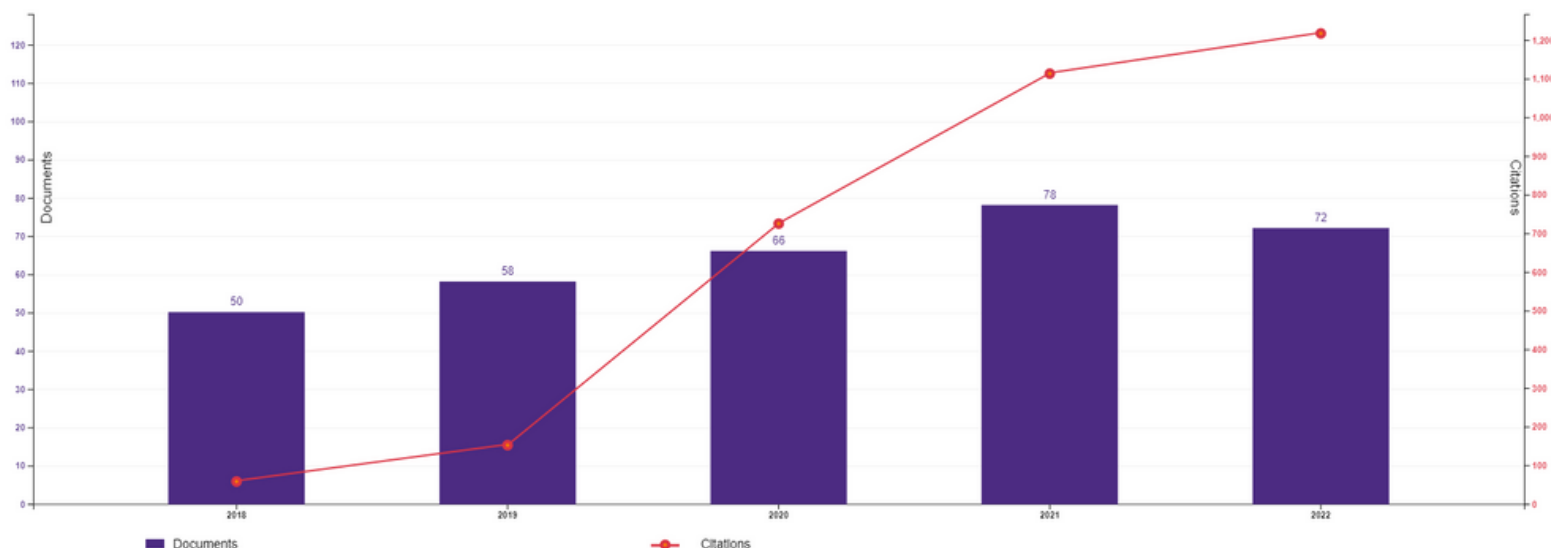
Supporting the Health Care Workforce during the COVID-19 Global Epidemic.

JAMA - Journal of the American Medical Association 2020;323(15):1439-1440.

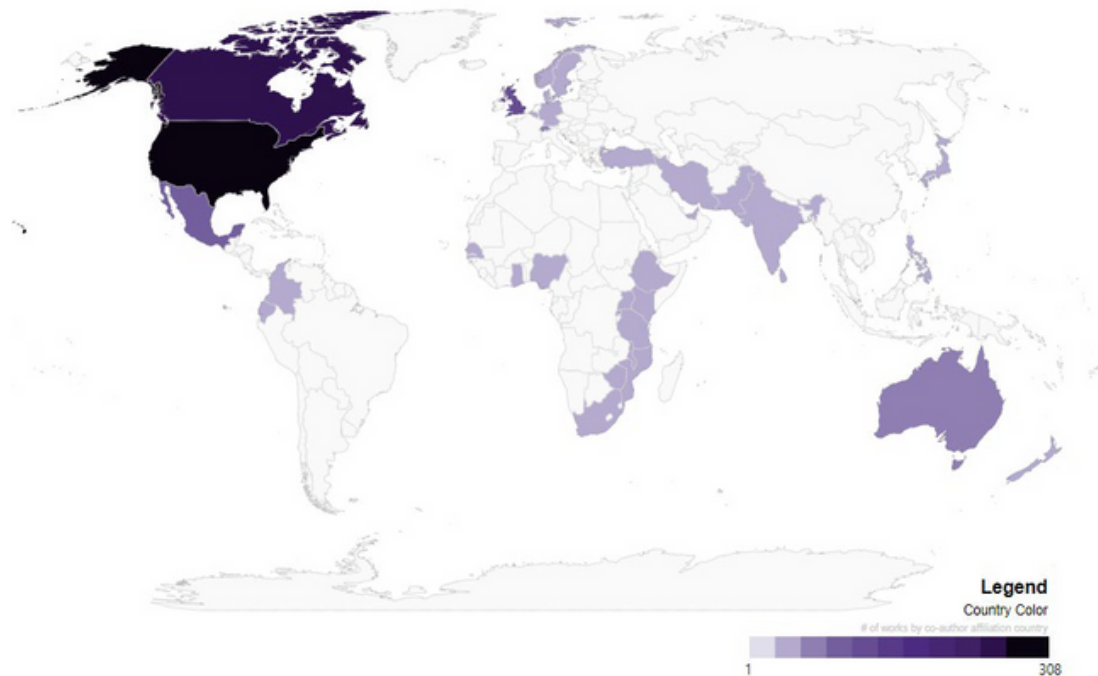
DOI:10.1001/jama.2020.3972.

The chart below provides an overview of documents and citations. Cumulative citations for all documents shows the growth of citations from the first year of this analysis through to the last year.

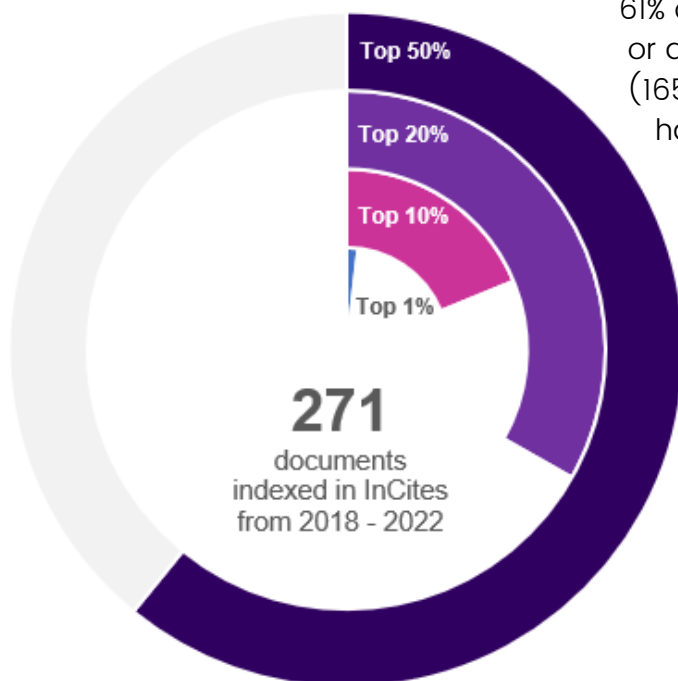
Chart 16: Documents and Citations					
Group: Department of Emergency Medicine					
Timespan: 2018 - 2022					
Source: Scopus					
Years	2018	2019	2020	2021	2022
Documents	50	58	66	78	72
Citations <i>cumulative citations for all documents</i>	58	152	725	1,113	1,217



The Department of Emergency Medicine has collaborated with authors from over 35 countries the 324 documents that were published from 2018 to 2022. Each country is color-coded in proportion to the number of author affiliations of collaborated works from that country.



61% of the department's documents rank in the 50th percentile or above for citation impact in their respective subject areas. (165 out of 271 documents indexed in Web of Science/InCites have a percentile rank ≥ 50 using a standard percentile scale [100 as the best and 0 as the worst])



- 5 documents in top 1% of subject area
- 51 documents in top 10% of subject area
- 90 documents in top 20% of subject area
- 165 documents in top 50% of subject area
- 106 documents not in top 50% subject area



PUBLICATIONS SPOTLIGHT

EM faculty, residents, alumni, staff in bold

Mehta CK, Chiu S, Hoel AW, Vassallo P, Whippo B, Andrei AC, **Schmidt MJ**, Pham DT, Johnston DR, Churyla A et al. Implementation of a direct-to-operating room aortic emergency transfer program: Expedited management of type A aortic dissection. Am J Emerg Med 2023 Aug;70:113-118. doi:10.1016/j.ajem.2023.05.036

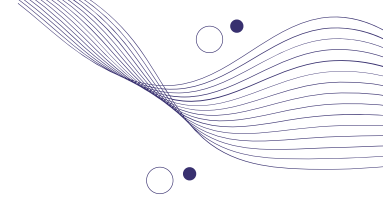
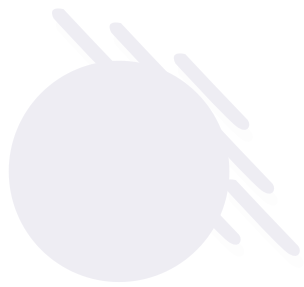
Gottlieb M, Patel D, Viars M, Tsintolas J, Peksa GD, **Bailitz J** Comparison of artificial intelligence versus real-time physician assessment of pulmonary edema with lung ultrasound. Am J Emerg Med 2023 Aug;70:109-112. doi:10.1016/j.ajem.2023.05.029

Kim HS, Strickland KJ, Seitz AL, **McCarthy DM** Patient Perspectives on Seeking Emergency Care for Acute Low Back Pain and Access to Physical Therapy in the Emergency Department. Ann Emerg Med 2023 Aug;82(2):154-163. doi:10.1016/j.annemergmed.2022.12.028

Lo AX, Wadley VG, Brown CJ, Long DL, Crowe M, Howard VJ, Kennedy RE Life-Space Mobility: Normative Values from a National Cohort of U.S. Older Adults. J Gerontol A Biol Sci Med Sci 2023 Jul 22;. pii:glad176

Patel D, **Bailitz J**, Ymson S, Neichin J, Peksa GD, Gottlieb M Diagnostic accuracy of real-time ultrasound for detecting pulmonary edema by lung region. Am J Emerg Med 2023 Jul 05;. pii:S0735-6757(23)00351-0

Sheng AY, Gottlieb M, Bautista JR, **Trueger NS**, Westafer LM, Gisondi MA The role of emergency physicians in the fight against health misinformation: Implications for resident training. AEM Educ Train 2023 Jun;7(Suppl 1):S48-S57. doi:10.1002/aet2.10877



Lee S, Cavalier FR, Hayes JM, Doering M, Lo AX, Khoujah D, Howard MA, de Wit K, Liu SW Delirium, confusion, or altered mental status as a risk for abnormal head computed tomogram findings in older adults in the emergency department: A Geriatric Emergency Department Guidelines 2.0 systematic review and meta-analysis. Am J Emerg Med 2023 Jun 25;71:190-194. doi:10.1016/j.ajem.2023.06.034

Royan R, Pendergrast TR, Woitowich NC, Trueger NS, Wooten L, Jain S, Arora VM Physician and Biomedical Scientist Harassment on Social Media During the COVID-19 Pandemic. JAMA Netw Open 2023 Jun 01;6(6):e2318315. pii:e2318315

Lin S, Zimmerman E, Datta S, Selby M, Chan T, Fant A Curated collections for educators: Nine key articles and article series for teaching qualitative research methods. AEM Educ Train 2023 Apr;7(2):e10862. pii:e10862

Klein MR All good things. AEM Educ Train 2023 Apr;7(2):e10859. pii:e10859

Lo AX, Kennedy M It's time to mobilize: Moving mobility interventions for delirium from inpatient units to the emergency department. J Am Coll Emerg Physicians Open 2023 Feb;4(1):e12900. pii:e12900

Sheng AY, Gottlieb M, Bautista JR, Trueger NS, Westafer LM, Gisondi MA The Role of Graduate Medical Education in the Fight Against Health Misinformation. J Grad Med Educ 2023 Feb;15(1):9-14. doi:10.4300/JGME-D-22-00383.1





Streaming With Brad: Opioid Use Disorder

April 19, 2023 - CBS 2 News Chicago

Featuring: Featuring: Lindsay Allen, PhD, Emergency Medicine at Feinberg School of Medicine



Evanston beaches closed due to 'elevated and unsafe E. coli levels'
following Chicago River reversal

July 3, 2023 - NBC 5 Chicago

Featuring: Evelyn Huang, MD - PGY 4

THE DENVER POST

Women with opioid use disorder face stigma in getting help, seeking treatment

July 11, 2023 - The Denver Post

Featuring: Lindsay Allen, PhD, Emergency Medicine at Feinberg School of Medicine



FUTURE CONFERENCES



Scientific Assembly

PHILADELPHIA, PA

OCTOBER 9-12, 2023

23

The Department of Emergency Medicine at Northwestern University Feinberg School of Medicine welcomes your questions and feedback.

[Contact Us](#)



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