

Clarivate Analytics Announces 2023 Highly Cited Researchers

By Karen Gutzman, Head, Research Assessment and Communications, & Christina Gattone, Research Impact Librarian

Each year, Clarivate Analytics releases a list of highly cited researchers who have “demonstrated significant and broad influence in their fields of research.”

Below is a list of the Feinberg researchers who made the list for 2023, their appointment at the medical school, and the category they were identified in. Congratulations! (Please note that faculty may have more than one appointment.)

- [David Cella, PhD](#), Medical Social Sciences, in Social Sciences
- [Navdeep Chandel, PhD](#), Medicine (Pulmonary and Critical Care), in Molecular Biology and Genetics
- [Mark C. Hersam, PhD](#), Medicine (Pulmonary and Critical Care), in Materials Science
- [Shana O. Kelley, PhD](#), Biochemistry and Molecular Genetics, in Cross-Field
- [Donald M. Lloyd-Jones, MD](#), Preventive Medicine (Epidemiology), in Clinical Medicine
- [Chad A. Mirkin, PhD](#), Medicine (Hematology and Oncology), in Cross-Field
- [Amy S. Paller, MD](#), Dermatology, in Cross-Field
- [John A. Rogers, PhD](#), Neurological Surgery, in Materials Science
- [Sanjiv J. Shah, MD](#), Medicine (Cardiology), in Clinical Medicine
- [Jeffrey A. Sosman, MD](#), Medicine (Hematology and Oncology), in Clinical Medicine
- [Richard G. Wunderink, MD](#), Medicine (Pulmonary and Critical Care), in Cross-Field
- [Clyde W. Yancy, MD](#), Medicine (Cardiology), in Clinical Medicine



Highly Cited Researchers at Feinberg School of Medicine, (photo courtesy of Feinberg Research.)

Clarivate evaluates papers that were published and cited from 2012 to 2022 and ranked in the top 1 percent by citations for the field and year. 7,125 designations were made to 6,849 highly cited researchers in 2023, with 3,793 in specific fields and 3,332 for cross-field performance.

Thirty-eight Northwestern researchers are included on this 2023 list and represent departments across the university; twelve of these researchers are from Feinberg. This year, Northwestern ranked 34th in the world for the number of highly cited researchers.

The specific fields that Clarivate Analytics utilizes for classification are the 22 fields that are delineated in the Essential Science Indicators (ESI), a database focused on emerging science trends that is updated every two months and contains a 10-year rolling file. They determine the number of researchers to be selected in each field by taking the square root of the authors that are listed in that field's highly cited papers.

The thresholds for fields related to Feinberg are noted in the table below:

ESI Field	Number of Highly Cited Researchers
Social Sciences	230
Molecular Biology & Genetics	186
Materials Science	232
Cross-Field	3,332
Clinical Medicine	477

Clarivate began identifying researchers with cross-field impact in 2018 to recognize individuals who “might contribute multiple Highly Cited Papers in

several different fields - but would not register enough Highly Cited Papers in any single ESI field to be considered for selection.” They add that this “keeps our list contemporary and relevant as it tends to capture younger researchers and those who work at the intersection of different scientific or scholarly domains.” Four Feinberg researchers are recognized for their cross-field contributions.



Read the full report on [Highly Cited Researchers for 2023](#).

Learn More

The [Metrics and Impact Core](#) at Galter Health Sciences Library can help you track your work and identify and communicate the impact of your research.

Please contact Karen Gutzman (karen.gutzman@northwestern.edu), Mao Soulakis (mao.soulakis@northwestern.edu), or Christina Gattone (christina.gattone@northwestern.edu) to learn more about using metrics to tell your story.

