

This article is part of an occasional series by Galter librarians focusing on the historical impact of various Northwestern University Feinberg School of Medicine disciplines, departments, and their faculty. A poster of the same name is currently on exhibit in the McGaw Building Lobby. To view a digital copy of the full poster, visit [DigitalHub](#), an institutional repository for the research and scholarly output of Northwestern Medicine.

## Dermatology

## "Hot" Topics

The VOSviewer visualization displays a network of research topics related to skin cancer, organized into several main clusters:

- Clinical Management & Epidemiology (Top Left):** Includes terms like "validation", "care", "guideline", "eczema", "childhood eczema", "epidemiology", "systematic review", "meta analysis", "allergy", "infant", "scaby", "history", "lichen sclerosus", "pathogenesis", and "vitiligo".
- Molecular Biology & Pathology (Center):** Features "methotrexate", "port wine stain", "correction", "presentation", "frequency", "technique", "excision", "skin cancer", "report", "man", "complication", "nonmelanoma skin cancer", "case", "interferon alfa", "literature", "review", "case report", "ethnic skin", "childhood", "etanercept", "plaque psoriasis", "scalp", "face", "clinical", "hybridization", "utility", "inflammation", "application", "mouse", "diabetic mouse", "partner", "inhibition", "human skin", "regulation", "migration", "plakoglobin", "plakophilin", "implication", "motility desmosome", "characterization", "sequence", "intermediate filament", "wound healing", "keratinocyte", "epidermis", "role", "ganglioside", "ultra", "apoptosis", "laminin", "beta", "ncl16a domain", "autoantibody", "cutaneous wound healing", "mutation identification", "expression", "toxic epidermal necrolysis", and "stevens johnson syndrome".
- Clinical Outcomes & Research Methods (Bottom Right):** Includes "wound healing", "inflammation", "application", "mouse", "diabetic mouse", "partner", "inhibition", "human skin", "regulation", "migration", "plakoglobin", "plakophilin", "implication", "motility desmosome", "characterization", "sequence", "intermediate filament", "wound healing", "keratinocyte", "epidermis", "role", "ganglioside", "ultra", "apoptosis", "laminin", "beta", "ncl16a domain", "autoantibody", "cutaneous wound healing", "mutation identification", "expression", "toxic epidermal necrolysis", and "stevens johnson syndrome".

The density of the nodes and connecting lines suggests strong relationships within each cluster, particularly around central terms like "skin cancer", "wound healing", and "molecular biology".

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were used very often, and they have large numbers of neighboring terms and smaller distances between the terms. Blue corresponds with lowest term density. The visualization was created using VosViewer and InCites.

## James Nevins Hyde (b. 1840 – d. 1910)

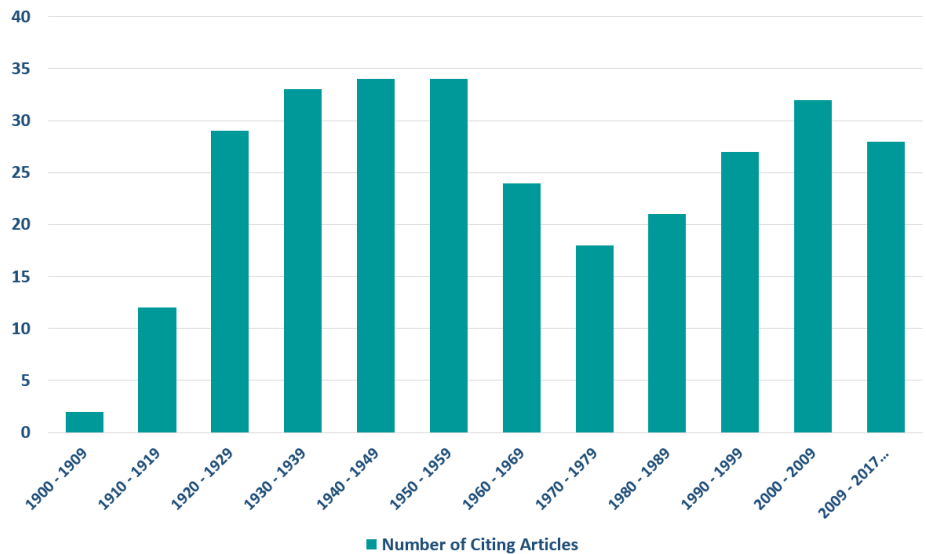
### Career Highlights

- First to note the association between exposure to sunlight and skin cancer
- Helped found the American Dermatological Association and served two terms as its president
- Founder and charter member of the Chicago Dermatological Society
- 1875: Appointed clinical instructor at Chicago Medical College, a predecessor of Northwestern University Medical School (NUMS)
- 1876-1879: One of the first professors of dermatology at NUMS



### Lasting Impact

Though Hyde's last papers were published in 1910, his work continues to be cited in present day biomedical literature, as shown in the figure below.



## Samuel M. Bluefarb (b. 1912 – d. 2007)

### Career Highlights

- Chicago Dermatological Society's annual Bluefarb Lecture named in his honor
- Began Northwestern's program in cutaneous lymphomas
- Wrote several classic textbooks
- 1942: Joined NU as clinical assistant
- 1962: Named first Walter J. Hamlin Professor of Dermatology
- 1963 - 1977: Chairman of Dermatology

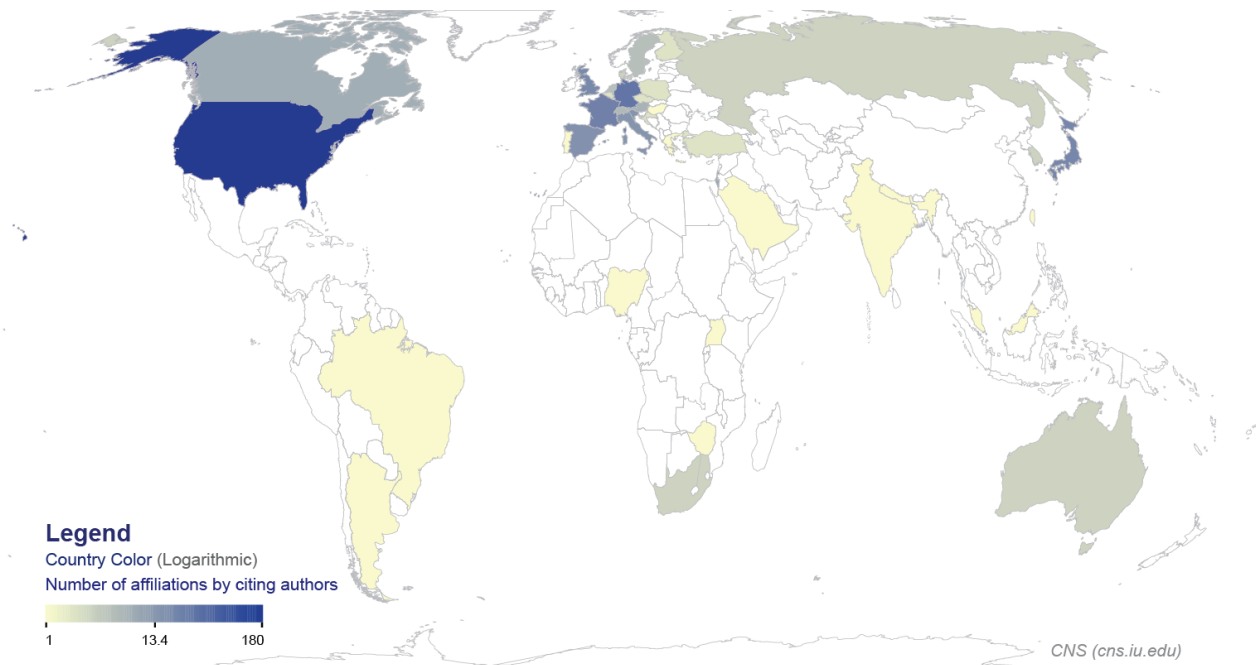


### An avid stamp collector

Dr. Bluefarb published papers on many topics such as skin diseases, lymphosarcoma, acne vulgaris, and dermatitis. He also published an interesting article on *The History of Dermatology as Depicted on Postage Stamps* (AMA Arch Derm. 1959;80(2):171-186).

### Far Reaching and Influential Papers

Dr. Bluefarb's 135 papers were cited over 657 times from 1960 - 2017. Each country in the map below is color-coded in proportion to the number of author affiliations of citing works from that country. Minimum/maximum data values are 1 - 180. The visualization was created using Web of Science and the Sci2 tool.



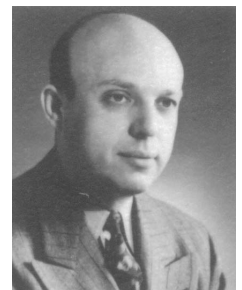
## Herbert Rattner (b. 1900 - d.1962)

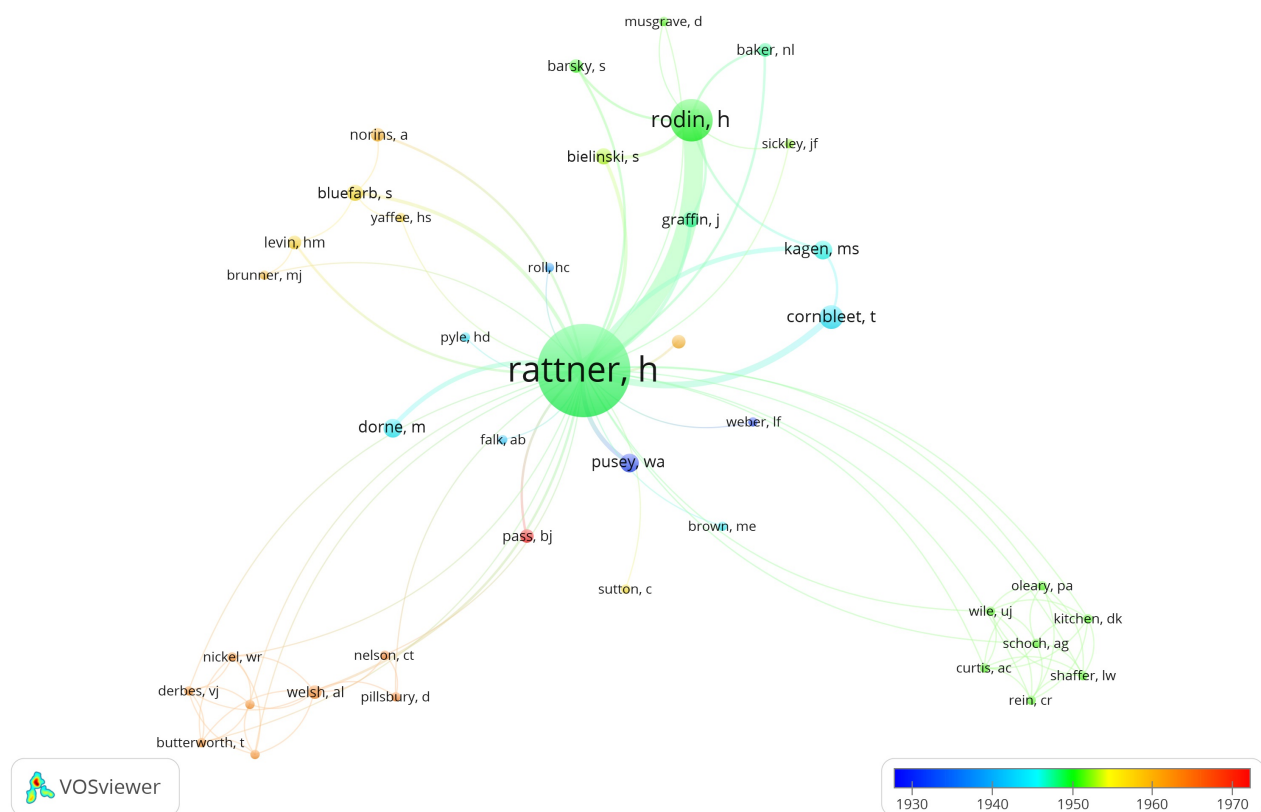
### Career Highlights

- Established laboratories at Northwestern to investigate collagen, exopeptidases, and fluorescent substances in hair
- Editor of the *Archives of Dermatology and Syphilology* (now *JAMA Dermatology*)
- Authored 58 scientific publications and one nursing textbook, and contributed chapters to many medical textbooks
- 1925: Graduated from Northwestern NUMS
- 1940: Joined teaching staff of NUMS as assistant professor
- 1951-1962: Chairman of Dermatology

### Co-Author Connections

Dr. Rattner published with over 40 co-authors in his 92 papers indexed in the Web of Science literature database. Each circle represents a co-author, with Dr. Rattner located in the middle. The lines between the circles are sized by the number of papers co-authored with Dr. Rattner. The circles and lines are colored by the average year in which the paper was published.





## Credits

This exhibit was created by Karen Gutzman, Corinne Miller, and Ramune Kubilius at Galter Health Sciences Library & Learning Center. The work was a collaboration of members of various Galter working group and library service teams including: Liaison Librarians, Metrics and Impact Core, Clinical Informationist Service, Special Projects, and the Special Collections Working Group.

If you are interested in learning more about research metrics or have any other questions, [contact us](#).

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