

## NYG&B Website

[newyorkfamilyhistory.org](http://newyorkfamilyhistory.org) or [nygbs.org](http://nygbs.org)

## Webinar Series

The NYG&B webinar series is supported by member dues and contributions. With that support we offer some publicly available webinars. Recorded programs are available to members, with the handouts, on the NYG&B website at [nygbs.org/webinars](http://nygbs.org/webinars). Join the NYG&B for instant access at [nygbs.org/join](http://nygbs.org/join).

## New York Genealogy Essentials (free)

To learn about several essential resources for New York State research, please see our guide to birth, marriage, and death records, census research, maps and migration, and much more.

The NYG&B eNews is sent twice a month, and has the latest New York genealogy news, announcements about future free webinars, and links to useful articles on New York research. Sign up at [www.nygbs.org/free-resources](http://www.nygbs.org/free-resources).

## New York State Family History Conference

The biennial New York State Family History Conference will be 10–12 September 2020, with the in-person conference taking place in Albany, New York. More details on the program and options will be coming soon.

## Publications (found at [nygbs.org/store](http://nygbs.org/store) or the links below)

Biebel, Frank. *Marriage Notices from New York City Newspapers of the Early 1830s*. New York: New York Genealogical and Biographical Society, 2019.

Buiter, Anne Siebert. *Tracings Immigrants through the Port of New York: Early National Period to 1924*. New York: New York Genealogical and Biographical Society, 2020. [PDF](#) and [print](#) versions available.

Goodwin, Aaron. *New York City Municipal Archives: An Authorized Guide for Family Historians*. New York: New York Genealogical and Biographical Society, 2016. [PDF](#) and [print](#) versions available.

*New York Guide to Birth, Marriage, and Death Records*. New York: New York Genealogical and Biographical Society, 2017. Extracted from the *New York Family History Research Guide and Gazetteer*, revised edition 2017. [PDF](#) and [print](#) versions available.

*New York Family History Research Guide and Gazetteer*, revised edition 2017. New York: New York Genealogical and Biographical Society, 2017. [PDF](#) and [print](#) versions available.

County Guide Series, extracted from *New York Family History Research Guide and Gazetteer*, revised edition 2017. [Available in print.](#)

# Using Third-Party Tools to Analyze Your Autosomal DNA

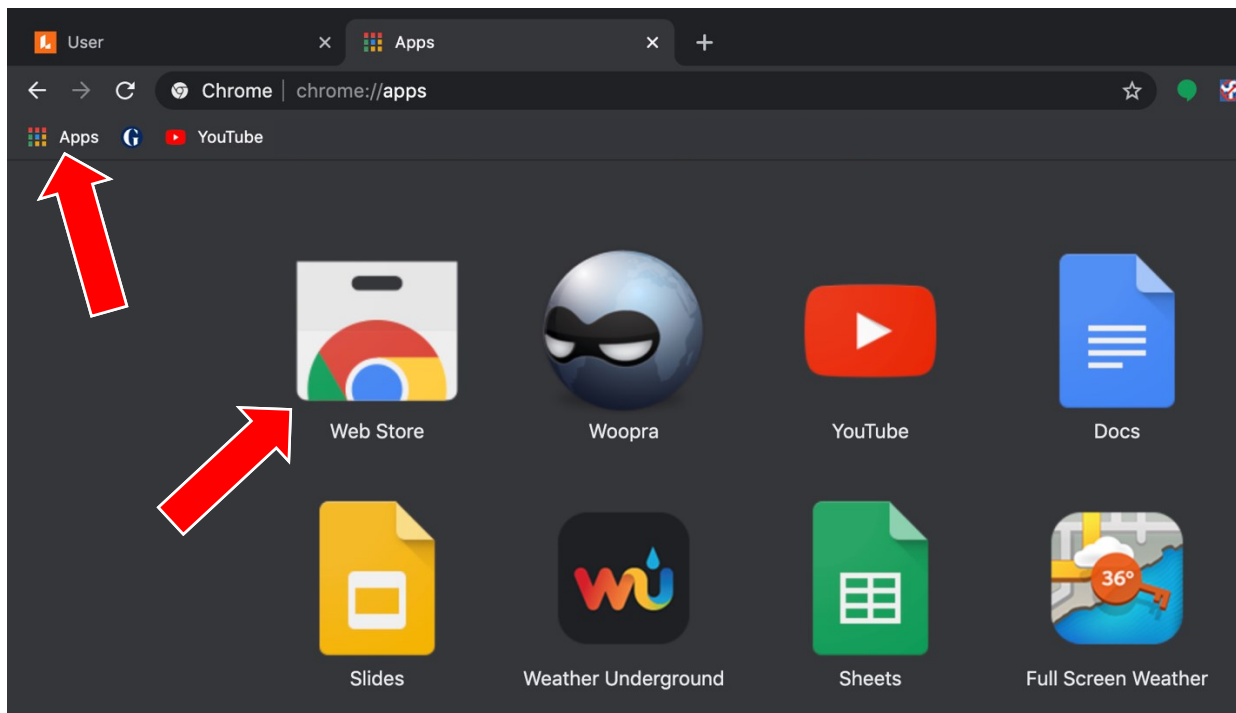
Blaine T. Bettinger, Ph.D., J.D.

[blainebettinger@gmail.com](mailto:blainebettinger@gmail.com) / [www.DNA-Central.com](http://www.DNA-Central.com)

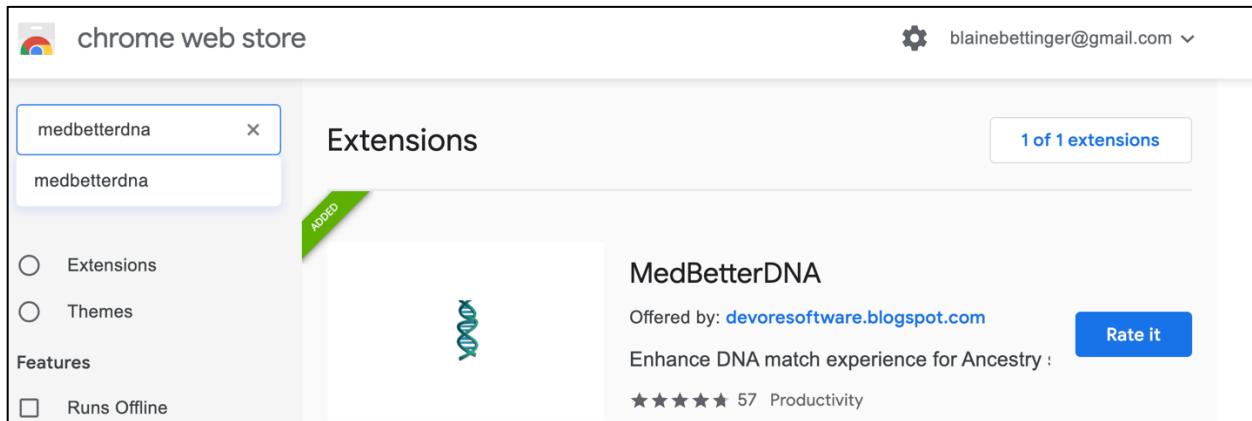
Tools exist to make our lives easier or to allow us to do something we can't do on our own. There are many tools in the world of genetic genealogy, including tools provided by the testing companies and tools provided by third parties. Sometimes, a tool that makes our life easier isn't necessarily intended for genealogy. In this lecture we'll look at two tools that were created specifically for genealogy, and one tool that was not!

## 1. MedBetterDNA (<http://devoresoftware.blogspot.com/>)

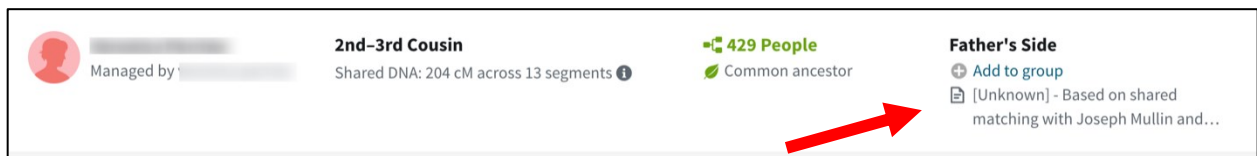
MedBetterDNA is an extension for Google's free Chrome browser (<https://www.google.com/chrome/>). Once installed, the extension shows the entire notes field rather than the shortened version shown by default by Ancestry. MedBetterDNA was created by Michael Devore and more information can be found at (<http://devoresoftware.blogspot.com/>). To install the extension within Chrome, click on "Apps" in the upper left-hand corner, then click on "Web Store":



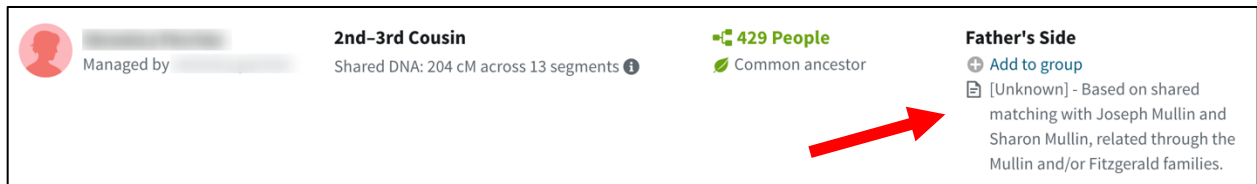
Then search “MedBetterDNA” in the search field and install the extension:



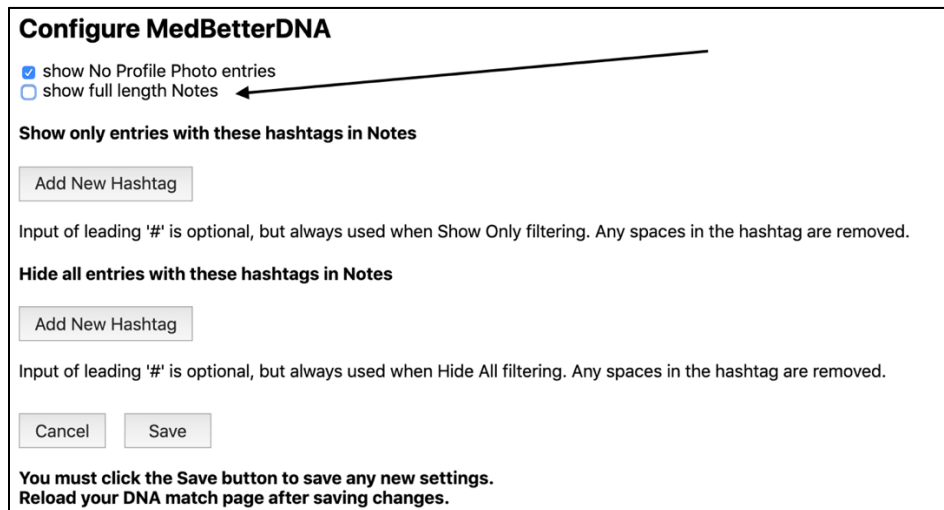
**BEFORE** the MedBetterDNA extension is installed, the notes field at Ancestry is shortened:



**AFTER** the MedBetterDNA extension is installed, all text in the notes field is automatically displayed:



Ensure that the “show full length Notes” field is checked:



## 2. The Shared cM Project ([www.dnainter.com](http://www.dnainter.com))

One of the ways to learn about genetic genealogy is to gather data from test takers. With more than 30 million genealogy DNA test takers, there is plenty of data to gather!

The Shared cM Project is a project intended to quantify the shared cM ranges for a variety of different relationships by collecting data from DNA test takers. See The Shared cM Project (<https://thegeneticgenealogist.com/2020/03/27/version-4-0-march-2020-update-to-the-shared-cm-project/>) for the most up-to-date information.

DNA Painter has graciously hosted an interactive version of the Shared cM Project for several years! It's as easy as entering in an amount of cM that you share with a match, and seeing which relationships are possible! Found at <https://dnainter.com/tools/sharedcmv4>

**DNA PAINTER** Tools Help Subscribe

### The Shared cM Project 4.0 tool v4

[Read more about the tool and this update](#)

**March 2020**  
 Blaine T. Bettinger  
[www.thegeneticgenealogist.com](http://www.thegeneticgenealogist.com)  
[More about this project](#)  
[CC 4.0 Attribution License](#)  
 Interactive version v4 by Jonny Perl at DNA Painter  
[Click here to contribute data to the shared cM project](#)  
 Last updated 26th March 2020

**Filter**  
 Enter the total amount of cM for your match here:  
  
 or enter %

**How to read this chart**

<b>Relationship</b>
Average
Range
(low to high; 99th percentile)

Then any relationships that fit will stand out below

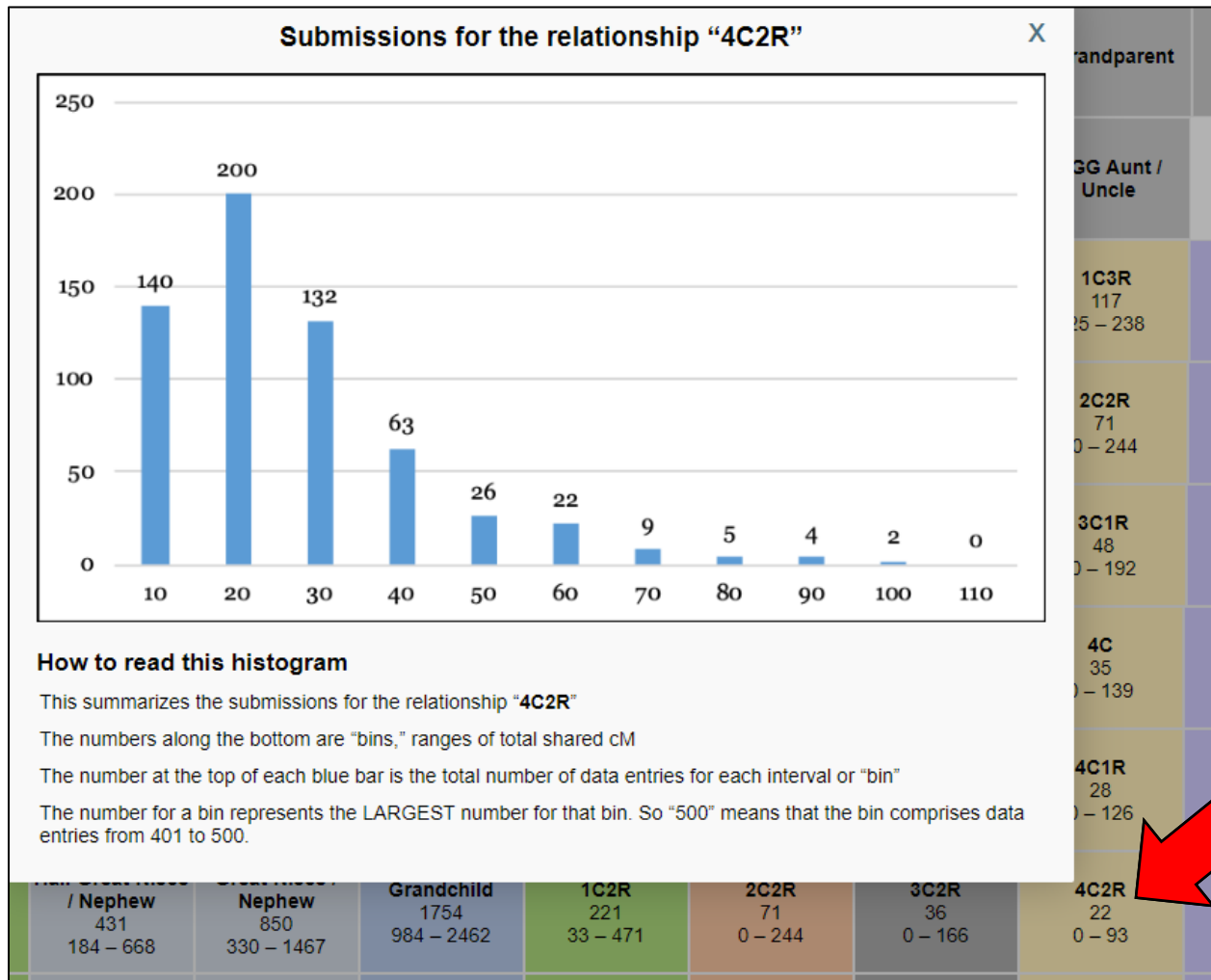
**New** Click on any relationship to view a histogram

**Other versions**  
 Shared cM 3.0 (2017) version  
 With editable boxes

You can now click on any of the relationship boxes:

<b>Half GG-Aunt / Uncle</b> 208 103 – 284	<b>Great-Grandparent</b> 887 485 – 1486						
<b>Half 1C2R</b> 125 16 – 269	<b>Half Great-Aunt / Uncle</b> 431 184 – 668	<b>Grandparent</b> 1754 984 – 2462				<b>Great-Aunt / Uncle</b> 850 330 – 1467	
<b>Half 2C1R</b> 66 0 – 190	<b>Half 1C1R</b> 224 62 – 469	<b>Half Aunt / Uncle</b> 871 492 – 1315	<b>Parent</b> 3485 2376 – 3720			<b>Aunt / Uncle</b> 1741 1201 – 2282	<b>1C1R</b> 433 102 – 980
<b>Half 3C</b> 48 0 – 168	<b>Half 2C</b> 120 10 – 325	<b>Half 1C</b> 449 156 – 979	<b>Half Sibling</b> 1759 1160 – 2436	<b>Sibling</b> 2613 1613 – 3488	<b>SELF</b>	<b>1C</b> 866 396 – 1397	<b>2C</b> 229 41 – 592

And the histogram for that relationship will pop up!



### 3. Genetic Affairs ([www.geneticaffairs.com](http://www.geneticaffairs.com))

Genetic Affairs is a subscription-based third-party tool that "allows users to automate the job of checking for new DNA matches for the three major DNA testing companies," supporting "automatic updates for AncestryDNA, FamilyTreeDNA and 23andme."



# Unleash your DNA cousins

Genetic Affairs automates the retrieval of new genetic matches for 23andme, FamilyTreeDNA and AncestryDNA and presents all updates in a single e-mail.

In other words, the tool monitors for new matches at these three companies and will send you an email with the new match information. You can get monthly, weekly or daily updates, and you can adjust for which relationship level you would like to receive notification. Registration is free, and you will receive 200 credits that can be used to perform the updates.

Genetic Affairs can create cluster charts for shared match clusters at 23andMe, Family Tree DNA, and AncestryDNA (and it has become an integrated tool at MyHeritage and GEDmatch).

## 4. DNA Painter Trees ([www.dnapainter.com](http://www.dnapainter.com))

In 2019, the popular DNA Painter website added several capabilities related to family trees uploaded to the site by GEDCOM.

DNA PAINTER Tools Help Subscribe Blog Sign in Register

NEW TO DNA PAINTER? START HERE  
READ THE NEW BLOG

**TREES**  
Visualize and optionally share your family line with an elegant tree and fan chart

**TOOLS**  
Enter shared DNA amounts to predict possible relationships with matches

**CHROMOSOME MAPPING**  
Figure out which pieces of DNA you inherited from specific ancestors

Together we'll examine some of these capabilities, including the ability to calculate your Tree Completeness by generation!