



# DNA analysis and Middletown first settler research

(The following paragraphs are adapted from an article by R.W. Bacon in the fall 2007 issue of *The Middler*, the newsletter of the Society of Middletown First Settlers Descendants.)

The basic principle of DNA testing for genealogy is that the Y chromosome is transmitted from father to son, therefore testing is able to connect direct male lines. Locations tested on the Y chromosome are called “markers,” and testing notes the random changes, or mutations, that occur through the generations on these markers. Males can choose to have their DNA tested for 12, 25, 37, or 67 markers. The resulting “DNA signature” can then be compared to that of other males with the same surname to determine whether there is a common ancestor in the recent or distant past.

It is important to realize, however, that while the science exists today for the DNA analysis needed to make genealogical conclusions within surname groups, those conclusions are dependent on a database of individuals who have submitted their data for testing and comparison. While interest in individual DNA testing is growing rapidly, at present the number of samples collected for comparison is relatively small, and for many surnames, insignificant or nonexistent.

This realization has led many interested in the future of genealogical studies to order a test kit and submit their DNA information, even though there may be little significant new genealogical knowledge to be gained for decades, until the database for their surname grows to have hundreds or thousands of samples.

**The following is a list of genealogy DNA projects** established for the surnames of Middletown first settlers, along with the current number of already-tested participants in each. Keep in mind that participants are not necessarily descendants of Middletown first settlers, but may just share the common surname (ex.: Allen, Hall, Harris, Miller, Smith).

## 1650-1654 Settlers:

<b>Allan/Allen</b> (145) .....	<a href="http://www.familyreedna.com/public/Allan/">http://www.familyreedna.com/public/Allan/</a>
<b>Bacon</b> (9) .....	<a href="http://www.worldfamilies.net/surnames/b/bacon/index.html">http://www.worldfamilies.net/surnames/b/bacon/index.html</a>
<b>Blumfield</b> .....	none
<b>Cornwell</b> (36) .....	<a href="http://www.familyreedna.com/public/cornwellandvariations/">http://www.familyreedna.com/public/cornwellandvariations/</a>
<b>Hall</b> (123) .....	<a href="http://homepages.rootsweb.com/~nhatcher/hall/">http://homepages.rootsweb.com/~nhatcher/hall/</a>
<b>Hamlin</b> .....	none
<b>Harris</b> (244) .....	<a href="http://www.harrisdna.org/">http://www.harrisdna.org/</a>
<b>Hubbard</b> (41) .....	<a href="http://www.familyreedna.com/public/hubbard/">http://www.familyreedna.com/public/hubbard/</a>
<b>Kirby</b> (22) .....	<a href="http://www.worldfamilies.net/surnames/k/kirby/">http://www.worldfamilies.net/surnames/k/kirby/</a>
<b>Martin</b> (223) .....	<a href="http://www.small-stuff.com/MARTIN/DNA/">http://www.small-stuff.com/MARTIN/DNA/</a>
<b>Miller</b> (191) .....	<a href="http://www.familyreedna.com/public/Miller/">http://www.familyreedna.com/public/Miller/</a>
<b>Savage</b> (23) .....	<a href="http://www.worldfamilies.net/surnames/s/savage/">http://www.worldfamilies.net/surnames/s/savage/</a>
<b>Smith</b> (196) .....	<a href="http://www.smithconnections.com/index.cgi">http://www.smithconnections.com/index.cgi</a>
<b>Stocking</b> .....	none
<b>Stow</b> (6) .....	<a href="http://worldfamilies.net/surnames/s/stowe/">http://worldfamilies.net/surnames/s/stowe/</a>
<b>Treat</b> (14) .....	<a href="http://www.worldfamilies.net/surnames/t/trott/">http://www.worldfamilies.net/surnames/t/trott/</a>
<b>Webster</b> (13) .....	<a href="http://www.worldfamilies.net/surnames/w/webster/">http://www.worldfamilies.net/surnames/w/webster/</a>
<b>Whitmore/Wetmore</b> (27) .....	<a href="http://whitmore.dnafamilies.net/">http://whitmore.dnafamilies.net/</a>
<b>White</b> (158) .....	<a href="http://www.familyreedna.com/public/white/">http://www.familyreedna.com/public/white/</a>

## 1654-1700 Settlers:

<b>Adkins</b> .....	none
<b>Briggs</b> (39) .....	<a href="http://freepages.genealogy.rootsweb.com/~briggssdna/">http://freepages.genealogy.rootsweb.com/~briggssdna/</a>
<b>Blake</b> .....	none
<b>Boarn</b> .....	none
<b>Bow</b> .....	none
<b>Brown</b> (436) .....	<a href="http://brownsociety.org/">http://brownsociety.org/</a>
<b>Burk</b> .....	none
<b>Cheney</b> .....	none
<b>Clark</b> (147) .....	<a href="http://www.htmlsd.com/">http://www.htmlsd.com/</a>
<b>Clements</b> (107) .....	<a href="http://www.familyreedna.com/public/ClementsClemmonsDNA/">www.familyreedna.com/public/ClementsClemmonsDNA/</a>
<b>Cole</b> .....	none
<b>Collins</b> (43) .....	<a href="http://www.worldfamilies.net/surnames/c/collins/">http://www.worldfamilies.net/surnames/c/collins/</a>
<b>Cotton</b> (20) .....	<a href="http://home.comcast.net/~cottondna/">http://home.comcast.net/~cottondna/</a>
<b>Doolittle</b> (12) .....	<a href="http://www.familyreedna.com/public/Doolittle/">http://www.familyreedna.com/public/Doolittle/</a>
<b>Durant</b> .....	none
<b>Eggleston</b> .....	none
<b>Elton</b> .....	none
<b>Ferman</b> .....	none
<b>Foster</b> (101) .....	<a href="http://www.fosterdna.org/">http://www.fosterdna.org/</a>
<b>Gilbert</b> (34) .....	<a href="http://www.janegilbert.org/gilbertdna/">http://www.janegilbert.org/gilbertdna/</a>
<b>Gill</b> (55) .....	<a href="http://www.rootsweb.com/~ctcsouth/GillDNA/index.html">http://www.rootsweb.com/~ctcsouth/GillDNA/index.html</a>
<b>Goodale</b> (7) .....	<a href="http://www.familyreedna.com/public/GOODALL/">http://www.familyreedna.com/public/GOODALL/</a>
<b>Graves</b> .....	none
<b>Hands</b> .....	none
<b>Higby</b> .....	none
<b>Hill</b> (267) .....	<a href="http://www.hilldna.com/">http://www.hilldna.com/</a>
<b>Hopewell</b> .....	none
<b>Hulbert (Hurlbut)</b> (15) .....	<a href="http://hurlbutdna.pbwiki.com/">http://hurlbutdna.pbwiki.com/</a>
<b>Johnson</b> (432) .....	<a href="http://freepages.genealogy.rootsweb.com/~hjohnson/index.html">http://freepages.genealogy.rootsweb.com/~hjohnson/index.html</a>
<b>Jones</b> (188) .....	<a href="http://www.familyreedna.com/public/jonessurname/">http://www.familyreedna.com/public/jonessurname/</a>
<b>Jordan</b> (153) .....	<a href="http://www.jordannctoal.homestead.com/DNAindex.html">http://www.jordannctoal.homestead.com/DNAindex.html</a>
<b>Lane</b> (51) .....	<a href="http://www.familyreedna.com/public/lane/">http://www.familyreedna.com/public/lane/</a>
<b>Lewis</b> (234) .....	<a href="http://lewissurnamednaproject.com/">http://lewissurnamednaproject.com/</a>
<b>Lucas</b> (48) .....	<a href="http://www.familyreedna.com/public/Lucas/">http://www.familyreedna.com/public/Lucas/</a>
<b>Markham</b> (20) .....	<a href="http://worldfamilies.net/surnames/m/marcum/">http://worldfamilies.net/surnames/m/marcum/</a>
<b>Payne</b> (153) .....	<a href="http://home.earthlink.net/~ppayne1203/">http://home.earthlink.net/~ppayne1203/</a>
<b>Phillips</b> (31) .....	<a href="http://www.familyreedna.com/public/Phillips%2DAmerica/">http://www.familyreedna.com/public/Phillips%2DAmerica/</a>
<b>Pryor</b> (18) .....	(Family Tree DNA group, but no active web site.)
<b>Raney</b> (81) .....	<a href="http://www.familyreedna.com/public/Raney%2DRaney/">http://www.familyreedna.com/public/Raney%2DRaney/</a>
<b>Roberts</b> (129) .....	<a href="http://home.comcast.net/~libpjr1/robertsdna.htm">http://home.comcast.net/~libpjr1/robertsdna.htm</a>
<b>Rockwell</b> .....	none
<b>Rollo</b> .....	none
<b>Russell</b> (74) .....	<a href="http://www.worldfamilies.net/surnames/r/russell/">http://www.worldfamilies.net/surnames/r/russell/</a>
<b>Sage</b> (3) .....	<a href="https://www.familyreedna.com/surname_join.aspx?code=Z86900&amp;special=True&amp;projecttype=S">https://www.familyreedna.com/surname_join.aspx?code=Z86900&amp;special=True&amp;projecttype=S</a>
<b>Scovill</b> .....	none
<b>Shepard</b> (22) .....	<a href="http://www.worldfamilies.net/surnames/s/shepard/">http://www.worldfamilies.net/surnames/s/shepard/</a>
<b>Southmayd</b> .....	none
<b>Starr</b> (25) .....	<a href="http://www.worldfamilies.net/surnames/s/starr/">http://www.worldfamilies.net/surnames/s/starr/</a>
<b>Stancift</b> .....	none
<b>Summer</b> (15) .....	<a href="http://www.worldfamilies.net/surnames/s/summers/">http://www.worldfamilies.net/surnames/s/summers/</a>
<b>Tappin</b> .....	none
<b>Turner</b> (267) .....	<a href="http://freepages.genealogy.rootsweb.com/~turnerdna/">http://freepages.genealogy.rootsweb.com/~turnerdna/</a>
<b>Ward</b> (89) .....	<a href="http://www.familyreedna.com/public/ward/">http://www.familyreedna.com/public/ward/</a>
<b>Warner</b> (11) .....	<a href="http://www.familyreedna.com/public/warner/">http://www.familyreedna.com/public/warner/</a>
<b>West</b> (163) .....	<a href="http://web.utk.edu/~corn/westdna/">http://web.utk.edu/~corn/westdna/</a>
<b>Wilcox</b> (15) .....	<a href="http://www.worldfamilies.net/surnames/w/wilcox/">http://www.worldfamilies.net/surnames/w/wilcox/</a>
<b>Wright</b> (210) .....	<a href="http://www.wright-dna.org/">http://www.wright-dna.org/</a>