

Genealogy and What DNA Does For Me

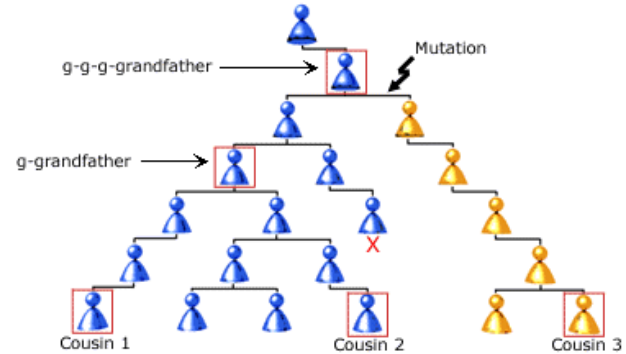
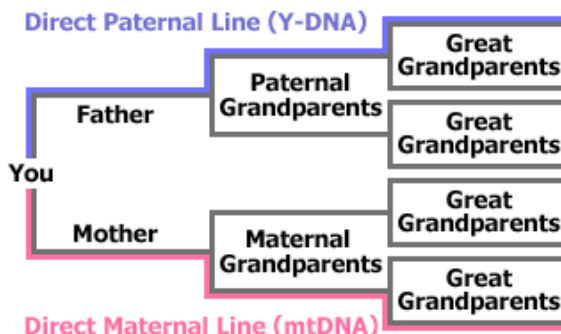
by Fiona Turnbull - Contributor

Editor's Note: If you are like most people, just mentioning the word DNA sends you into a confused state of mind. Many of us simply don't know how it works or what to do with it. Fiona Turnbull puts into layman's terms why DNA testing is useful and how it can help connect us to our ancestors and advance our genealogical research.

The popularity of television shows such as *Who Do You Think You ARE?* and *Finding Your Roots* has lead a lot of people to consider the use of DNA testing to help in the hunt for their ancestors. The Turnbull Clan have their own project that takes results from submitted DNA tests and organizes them to see how closely related participants are. So what are the basics things you need to know if you are considering DNA testing to help you in your genealogical search?

Five things you need to know about DNA testing and genealogy:

- 1. What is it?** A DNA test takes a cheek swab or saliva sample and analyses the genetic code it contains. We get 23 pairs of chromosomes from our parents, one half of the pair from each parent. The patterns that emerge from the test can be compared to others to see how similar they are and how far back a common ancestor is shared.
- 2. What types of tests are there?** There are three basic tests available on the market: Y-DNA, mtDNA and Autosomal. Y-DNA looks at the yDNA that a man gets from his father and is the type of test used for the Turnbull project. If you are a female Turnbull you need to find the oldest male Turnbull in your family to take the test. If you want to study your female lines then you take an mtDNA which studies the mitochondrial DNA that every mother passes along to all of her children. Autosomal DNA tests cast a wider net and looks for cousins along all of your genealogical lines back through five generations.
- 3. Which test should I take?** For the Turnbull family project we are only looking at the Y-DNA tests because it is trans-



mitted from father to son and provides direct information about the direct line. Locations along the Y chromosome are called markers and they occasionally mutate. Each mutation represents a branch in the family tree and is passed down to all future generations. At a minimum you need to test for 37 markers but testing to 67 or 111 will give finer results. You can take the test from any company although our main results come from FTDNA (<https://www.familytreedna.com/>). If you use a different company you can have the results imported. Once you have your results you then join a project either through FTDNA or directly and then you will be grouped with the closest matching Turnbulls. (<http://www.worldfamilies.net/surnames/turnbull/>)

- 4. What are Haplogroups?** Haplogroups are the major groupings of men based on Y-DNA results. Most Turnbull lines fall into the R-M269 group which is the most common European Y-DNA chromosomal lineage and is carried by about 110 million European men. Some Turnbulls belong to other groups which can only mean that there is another source of DNA somewhere in their ancestry.
- 5. What can DNA testing tell me?** DNA testing can confirm or eliminate relationships and show you where to concentrate your research. It also strengthens the paper trail you have already started and may confirm variants in your surname. In addition, it can reveal the geographic trail that your ancestors took and help you look for a specific time where you need to concentrate your research. Ideally you will also submit your family tree to help others looking for common ancestors. Lastly it could provide with enough close cousins that you may never knew existed.

For a more detailed explanation of genetic genealogy try Maurice Gleeson's blog (<http://dnaandfamilytreeresearch.blogspot.co.uk/>) or FTDNA's Learning Center (<https://www.familytreedna.com/learn/>).

AGM 2015 - October 24 and 25 - Central Virginia Celtic Festival

With Bill and Claudia Trimble as our hosts, we anticipate a great gathering of the Turnbull Clan for this year's Annual General Meeting. In addition to our experienced and hospitable tent hosts, those attending will include Clan President and Honorary Chief Wally Turnbull, Bullseye Editor and Vice President of Communications Betty Turnbull, and TCA secretary, Chris Nelson.

Michael (Turnbull) Wills will be our special guest as he represents the Turnbull Clan in the amateur games. Michael will be taking part in the Heavy Athletics Competition.

In addition to the Heavy Athletics Competition, Highland Dance Competition, and Pipes and Drums, the Celtic Festival also sponsors a British Car Show, A Fiddle Competition, and a Whisky Tasting. For more about the Central Virginia Celtic Festival, including location and area attractions, visit <http://vacelticfestival.com>.

President Wally Turnbull will preside at the Turnbull Banquet and Annual Meeting. The Banquet will take place, Saturday, Oct. 24 at 6:30 p.m. at Zhengs Restaurant, 9363 Atlee Road, Suite 2105, Mechanicsville, VA. We'll have our own room and each person will order from the menu and be responsible for his/her meal. Among the topics for discussion will be how to encourage more tent hosts, what can TCA offer new hosts, and how to raise funds for Clan tents. Clan Member of the Year will also be announced. **It is important that if you plan to attend the AGM Banquet, you email editor@turnbullclan.com so the restaurant knows how to plan and setup.**



BULLSEYE

The Bullseye, a Turnbull Clan Association Worldwide (TCA) newsletter is published six times a year at: 5216 Tahoe Dr. Durham, NC 27713 U.S.A.

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 Founders: John F. Turnbull, Scotland • Dorothy Berk, USA

We'll be staying at Holiday Inn Express, 7441 Bell Creek Road, Mechanicsville, VA 23111, (800) 315 2621. Other area hotels include The Hampton Inn, 7433 Bell Creek Rd, Mechanicsville, VA 23111, (804) 559-0559, and Towne Place Suites, 4231 Park Place Court, Glen Allen, VA 23060, (804)747-5253. Be sure to make your reservations early.

Tickets to the games are available for advance purchase from <http://www.rir.com/Ticket-Info/Event-Calendar/Events/Central-Virginia-Celtic-Festival-and-Highland-Games.aspx>



Our hosts for the 2015 Annual General Meeting and Banquet, Bill and Claudia Trimble

There's a rumor floating about that there might be a wee dram of Turnbull Whisky tasting at the Holiday Inn Express sometime during the weekend. Come join us and make this one of the best AGM's ever.

Below and left: Michael (Turnbull) Wills at his first Highland Games competition. He finished 9th overall. Come cheer him on at the Central Virginia Celtic Festival.





Turnbull Crafts Handle for Sgian Dubh

Editor's Note: We recently heard from Bernardo Turnbull, from the Mexican side of the Turnbull Clan. By day, Bernardo is a professor at the Universidad Iberoamericana. But during off hours, he uses his wood carving talents, which includes carving sgian dubh handles. We asked him to share his process with us. Here's what he had to say.

I am Bernardo Turnbull. I belong to the Mexican Leg of the Clan. From William Turnbull of Melrose, Roxburgh, Scotland (<http://www.pixeldg.com/turnbull/>).

I recently finished fitting, shaping and carving the handle for the sgian dubh in the photo below. You may recognise the background as Turnbull Hunting tartan. Since I have no way to cut and shape steel, I purchased the blade, the blank piece of wood, the silver ferrule and the silver pins from Rab Gordon (<http://www.rainnea.com/>). But the carving is my handwork and, after the drilling for the blade tang, no power tools were used. This is about the fourth I've made; unfortunately, I've lost the former ones.

Referring to the photos on the left, the first and second ones are the supplies I purchase, the blade and a block of wood. The third photo is my first model that I make in modelling clay.

Next is the shaped handle with the silver ferrule (also from Rab Gordon) fit on place. I then use a carving chisel to give the handle the texture for the basket weave pattern. Then I use a very fine knife and some patience to carve the grooves for the pattern. This one also has ornamental silver pins and the pommel (just glued on) is a Mexican semi-precious Stone. The blade is fitted in place when I am completely done with the carving. The last thing I do is sharpen the blade.

I just thought it would be interesting for the clan to know that there is a Mexican Turnbull who makes his own tools, even if it takes me ages. If I can get my hands on an adequate Turnbull silver crest, my next sgian dubh will be a very Turnbull one (not that this one is not).



Australia - A magnificent seven

Leading horseman Steve Turnbull brought up a career best at Parkes earlier this year when he trained seven winners on the eleven race programme. Daughter Amanda drove the first five winners from the stable while Steve jumped in the sulky on a couple of occasions to bring up the final two victories. "I have trained five winners on a card around New South Wales, but to be honest before this win I'm not sure I had trained six, let alone seven at one meeting," Turnbull said. "It is a massive achievement for everyone associated with the stable. While I thought we would have a good night because we had some nice horses engaged, I didn't think that I could bring up seven winners."

UK - University advances medical research

Professor Doug Turnbull leads a team of scientists in Newcastle making world-leading advances. Graeme Whitfield spoke to him about patients, politics and why the North East is a great place to do research. Doug Turnbull replied

that he has devoted much of his working life to this project. The Newcastle University professor was attending the House of Commons to hear the debate on mitochondrial donation, a gene therapy technique that could prevent horrific and often fatal conditions being handed down from mother to child.

Scotland - New minister for a village congregation

The new minister of a Moray church has vowed to reach out and connect with local people by making services "intelligible". The Rev Peter Turnbull, who is officially taking up his role at Burghead Free Church next Thursday, said he hoped to make it more open and accessible than ever before. The 30-year-old is swapping the 900-member strong Christ Church Fulwood Anglican congregation in Sheffield for a village congregation, which has around 30 worshippers. "This gives an them an opportunity to come to a service which is especially geared for them."



by Kenneth Turnbull - International News Editor

UK - Mini ballerina gets her sparkle back

Mini ballerina Mia Turnbull's fears that she would never dance again after being diagnosed with a childhood hip disorder. At just four years old, Mia was told she had Perthes disease, a condition in which it disrupts the flow of blood to the hip and left her sometimes needing the use of a wheelchair. It meant the little livewire, of Wallsend, could no longer run, skip, hop, dance and jump with other children her age - things she had always loved to do. The six-year-old's life has been transformed thanks to the care and attention of her school teacher, Helen Connor, who has taken time out to learn all about the disease and help her regain her dented confidence. Stacey Turnbull, Mia's mum, added: "When Mia started in Mrs Connor's class, she was feeling quite low, but now she is so much better. Mrs Connor could not have been more helpful. She does daily exercises which has given our little girl back her sparkle".

**USA - Growing a school garden**

Monday's dreary weather couldn't stop students at Brookwood Elementary School in Ohio from harvesting the plants they have been growing over the past six weeks in the school's garden. Bekki Turnbull, a fourth grade teacher, started the school's garden four years ago and it continues to grow. This year, younger students were paired up with "Garden Buddies" in older grades for the Secret Salad Seeds project. They were also given some clues. "Gardening is my thing," Turnbull said. "It's a great thing for kids to do. They thrive out here."

USA- Harmony with nature

Maui, Hawaii, sculptor, Steve Turnbull, as an artist, creates a work of art that flows in harmony with nature by using various woods from all areas, not just around Hawaii. Through his work, Steve hopes to educate, and motivate next generations to really see and to preserve the beauty of our environment through various galleries.

**New Zealand - Eat well, feel great**

Claire Turnbull is one of New Zealand's best known nutritionists and one busy lady. As well as being mum to her gorgeous boy Zac, Claire runs Mission Nutrition, which is a nutritionist/dietitian for Healthy Food Guide magazine and is the author of two fantastic books, 'Lose Weight for Life' and 'Feel Good for Life'. All my family has always worked in the health industry. My dad is a Doctor, my mum's a nurse and my brother a pharmacist and now a doctor too. Nutrition was always something that interested me. Claire's favourite piece of advice for staying healthy and eating well, is to find ways to feel good and look after yourself. Try something new, get the help you know you need, give up trying to be perfect.

**Canada - Selected to play hockey**

Blayne Turnbull was among 55 players selected in the 2015 CWHL entry draft in the fourth round by the Calgary Inferno. "Things went according to plan. I was hoping to end up in Calgary and that's exactly where I am," she said. Turnbull was a member of the Canadian Women's National Team in the Four Nations Cup last fall, where she played with her Inferno teammates.



Issue 23

Bitty Bulls



Part 2 of 2. Learn about some more delicious Scottish foods in this tasty issue. Who knows, you might find something new that you like!

What's for Dinner?

Draw lines between the name of the dish and the description. Can you guess them all?



Neeps & Tatties



Oatcakes



Kippers



Tablet



Stovies



Shortbread

A stew made from meat, onions, and potatoes that was traditionally made from leftover Sunday roast. Some variations include chicken, beef, lamb, or tinned corned beef.

A medium hard confection made from sugar, condensed milk, and butter and then cut into squares to share.

A traditional side for haggis made of mashed potatoes and mashed turnips.

A flatbread, similar to a cracker, pancake, or biscuit that is made primarily with oats.

A small, oily herring fish that is split in butterfly fashion from head to tail and then salted or pickled and cold-smoked over wood chips. They are usually served at breakfast.

A biscuit (cookie) made from one part white sugar, two parts butter, and three parts flour.

Q: What do elves make sandwiches with?
A: Shortbread!

Q: What is white, has a horn, and gives milk?
A: A dairy truck!

Q: What is the best thing to put into a pie?
A: Your teeth!

Cooking up some giggles!

Q: Did you hear the joke about the peanut butter?
A: I'm not telling you. You might spread it around.



Rumbledethumps



A traditional dish from the Scottish Borders, the main ingredients are potato, cabbage, and onion. Onion and cabbage are sauteed in a pan and then mixed with mashed potatoes. Cheese is sprinkled on top. Mixture is placed in oven and baked until golden. It is thought that the name came from how the food was prepared. Rumbled was a word used for what is referred to as mashed or scrambled today (as in mashed potatoes or scrambled eggs). Perhaps the thump refers to pouring the mixture in a pan.

This dish is similar to a British dish called Bubble and Squeak that uses leftover vegetables and mashed potatoes and is cooked in a skillet. The browning mixture makes a squeaking noise from the escaping hot air as it cooks.

peck: dry measure
purtato: potato
boyne: a big, shallow bowl
beetle: a very heavy mallet
anither: another
saut: salt
feenally: finally
throughither: mixed up
pree: prove or test by tasting

Taken from Blackwood's Edinburgh Magazine, October 1825

Take a peck of purtatoes, and put them into a boyne-
at them with a beetle-
a dab of butter-
the beetle again-
anither dab-
then cabbage-
purtato-
beetle and dab-
saut meanwhile-
and a shake o' common black pepper'-
feenally, cabbage and purtato throughither-
pree, and you'll find 'em decent rumbledethumps.

What a fun name for a dish! Does your family have a fun dish or meal that you have a unique name for?
Let us know at bittybulls@turnbullclan.com

Simple Shortbread



1 cup butter, softened

1/2 cup sugar

2 1/2 cup flour

Makes 24 servings

1. Preheat oven to 300 degrees
2. Cream butter and sugar together.
3. Add flour and mix until texture is like clay.
4. Press dough into ungreased 9x13 inch pan, prick all over with a fork and sprinkle top with sugar.
5. Bake for 40-45 minutes until lightly golden brown.
6. Let stand for 5 minutes and then cut into 24 squares while warm.
7. Leave to cool thoroughly.

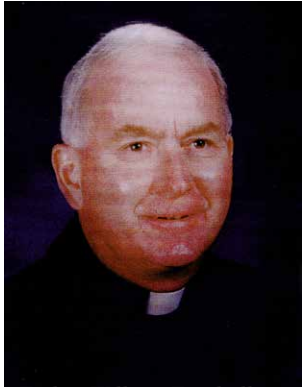
Variation: After cutting shortbread into squares, scatter chocolate chips over the top and let soften. Spread the chocolate as a thin layer and let cool completely before removing from pan.

Recipe taken from www.food.com/recipe/super-easy-shortbread-3-ingredients



A Worthy Ancestor

With the constant addition of new members, articles previously printed of Turnbull interest and importance should, from time to time, be reprinted. This is one of those articles, written by Father William Turnbull of Albany, New York, first published in the year 2000, volume 4. The author, Father William Turnbull, Clan Member of the Year, 2009, was one of the leading experts on the life of his namesake, Bishop William Turnbull of the Borders.



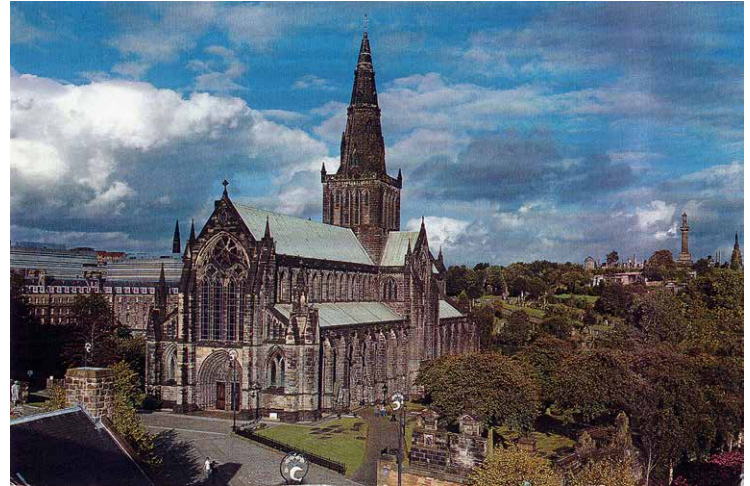
Father William Turnbull

A life of the great bishop and statesman who founded Glasgow University has never been written. This was probably less a lack of piety on the part of our ancestors than an awareness that even when the scattered facts about Bishop Turnbull were brought together much still remained uncertain and obscure. Death came very quickly to him after he had completed his crowning work, and in the disturbed

Scotland of his day his memory rapidly faded. . . We have no portrait of him . . . Perhaps, however, by setting him quite deliberately against the background of his times we may begin to glimpse something of the vision that animated this great teacher, patriot, administrator and churchman. . . in him too we can see, in the very decline of the Middle Ages, something of the pattern of medieval man, a perfect blend of the sacred and secular virtues, equally at home in Church and State.

Our William Turnbull was born around 1400, probably in the family of Bedrule. He was described by James II as a blood relation, perhaps through William's mother. Despite the well-documented tendency of the early Turnbells to raiding and war, William, from an early age was more drawn to the large religious houses in the area: the Cistercians at Melrose, Benedictines at Kelso, and the Augustinians at Jedburgh, from whom he received his early schooling. Sometime before 1416 he was at the University at St. Andrews (where there was an Augustinian house), to whose founder (Henry Wardlaw) he may also have been related through marriage.

At this time the educational environment in Western Europe was in a period of ferment: some two hundred years earlier, Albert the Great had brought the study of nature, through recently re-discovered Arabic Aristotelian thought, into the Christian universities. He introduced his own notion of "experiment" and insisted on the value of observation as a source of knowledge, believing reason and faith of necessity to be in harmony. Thomas Aquinas, his pupil, attempted to reconcile the rationalism of Aristotelian thought with the revealed faith of Christianity. He constructed an entire cosmology that was to be the dominant conception of the world for nearly half a millenium. A somewhat different approach was the more "idealistic" - less "naturalistic" route to the discovery of ultimate truth exemplified in the nominalism of William of Ockham. During Turnbull's time, the faculty at St. Andrews had opted for the Ockhamist



Glasgow University, Scotland, founded by Bishop William Turnbull

approach. Besides, St. Thomas' approach was under some suspicion as having been capable of misinterpretation by Wyclif and Hus, early reformers. William however opted for this "Albertist" approach with its greater interest in physical questions; he studied "physics" (cosmology), "psychology" (the structure of human thought) and astronomy, giving birth to his idea of a university, which was finally established some thirty years later, espousing this approach. In all of this, he was a pioneer in education for his time, anticipating the rise of what is called the enlightenment by more than two centuries.

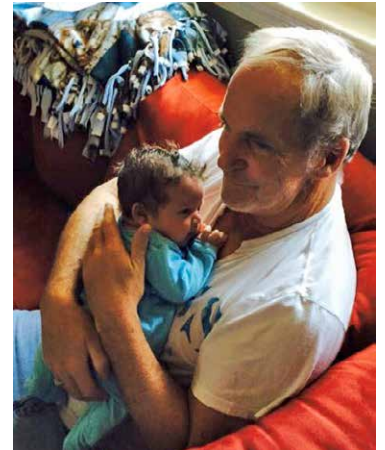
William received the Bachelor of Arts in 1418 and Master of Arts in 1420. Around this time he apparently also became a cleric, perhaps remaining on the University staff while receiving clerical appointments at East Calder near Kelso and later at Hawick. In 1430 he was elected dean of the faculty of arts, but in 1431 he left Scotland for the relatively new University at Louvain, perhaps as a result of plague at home. At Louvain he found himself in a more agreeable "Albertist" educational environment. Here he studied canon law, receiving a Bachelor of Canon Law in 1434.

In order to better understand the direction his life took for the next 15 years, it might help to outline very briefly some of what was happening in the Church in Western Europe at this time: The "Great Western Schism," when for a period of time there were two - then three - factions in the church each claiming to have elected a legitimate Pope, had recently been settled with the election of Martin V by the Council of Constance. However, the Council had also declared that the General Council was the supreme authority in the Universal Church and that the Pope must obey its decisions. Thus, pro-conciliarist and pro-papal factions were poised for struggle. The Council of Constance had also decreed that another council be called in five years, a further one seven years after that, and subsequently every ten years. Despite obvious reasons for personal misgivings, Martin dutifully called a Council at Pavia in 1423 which accomplished little other than to lay plans for the next council seven years later at Basle. *(to be continued in next issue)*

TCA Welcomes Our Newest Members



Terry and Angelina Turnbull welcome their new grandson, Jackson Cole, born early July, 2015



Congratulations to David Turnbull, who welcomes grandchild, Levi Richard Turnbull, and to proud parents Joe and Karlie Turnbull. Levi entered this world on July 7, 2015.

New grandparents Hilary and Richard Preston are proud to announce the arrival of grandson, Finley, born August 25, 2015, weighing in at 9 lb. 2 oz. Says Hilary, parents Charlie and Sophia "are over the moon!"

La Breith Sona!



Wishing a muckle
celebration to
all our Birthday
members!



Flowers of the Forest



Karl Edward James Turnbull 1936-2015

Loving husband, father, father-in-law and grandfather of Elaine, Peter and Angela, Kellie, Philip, Rhys, Jake, Zoe and Kyle. Loving and dearly beloved husband of 52 years. A lifetime of experiences shared and memories that will never fade. Now sleeping peacefully. Short in stature but huge in heart. An amazing Dad and mentor, coach to so many and comedian to more... Until we meet again.

Turnbull Clan Association
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