

**DNA Summer School 2024**  
**On Zoom**  
**Monday 2nd – Friday 6th September**

We are delighted to present our fifth annual DNA Summer School; 2 classes each day covering Y-DNA, Mt-DNA and autosomal DNA, with something for all levels of DNA researchers. Even if you have attended our Summer School previously, you will find lots of new content and ideas in 2024 School.

The theme of this year's school is "Case Studies". Most classes will include one or more case studies, illustrating how you can apply theory in a practical way for your own research. We also feature expert guest speakers and are very excited to have some of the best in their field joining us for the DNA Summer School 2024.

All classes are via Zoom and the live presentations will be recorded, making it easier for people in different time zones to participate. Anyone who has registered for a class will receive a link to the video after the end of Summer School. The recording will be available to view for 28 days. Recordings will not include the Q&A sessions.

Each class will be approximately 90 minutes – usually a one-hour talk followed by questions and answers.

The price per class is £10 and, because we know how many of you like to book all 10, we are again offering a discounted price of £80 for the full package.

And, if you need any more incentive to join us at Summer School, there will be a few giveaways and special offers throughout the week!

Our DNA Summer School is extremely popular - book now to secure your place!

### **Bookings**

Please allow 72 hours to receive the Zoom link after you have booked. This will go to the email address used for your PayPal payment. If it has not arrived after 72 hours and you have checked your spam folder and PayPal email address, let us know at **education.zoom@nifhs.org**.

If you need to cancel your booking, please contact us at least 7 days before the date of the class for a full refund. Any cancellations within 7 days of the date of the class will not be refunded but, if possible, we will transfer your booking to a different class.

Classes are at 2pm and 7pm London time. Check the time where you are [here](#).

All enquiries about the Summer School classes to be sent to **education.zoom@nifhs.org**.

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**Book all 10 classes!**

Immerse yourself in DNA for the whole 5 days or watch the recordings at a time to suit you.  
(Recordings will be available for 28 days after the event.)

**Monday 2nd September at 2pm**

**Step by Step Guide to Analysing your autosomal DNA - Part 1** **with Anne Johnston**

Discover how to methodically organise and analyse your DNA. This course is for those starting out and also for more experienced researchers - are you missing any crucial clues hiding in your DNA results?

**Monday 2nd September at 7pm**

**Step by Step Guide to analysing your autosomal DNA - Part 2** **with Anne Johnston**

Following on from the afternoon class, Anne will continue with more steps to help you to make progress.

**Tuesday 3rd September at 2pm**

**SNPs vs STRs** **with Martin McDowell**

SNPs and STRs are genetic markers used in DNA analysis. But what are they, how do they differ and why do you need to know? Martin will provide an easy-to-follow guide on the relevance and importance of SNPs and STRs to our DNA research.

**Tuesday 3rd September at 7pm**

**The Highs and Lows of Y-DNA** **with Anne Johnston**

Y-DNA test results can vary dramatically from person to person. Anne will be sharing her own example of a very successful Y-DNA test and how this helped her to pole vault over a very large brickwall! She will also discuss a test with disappointing results and offer advice on how to handle this outcome.

**Wednesday 4th September at 2pm**

**Maximise your Maternal Research with the new Mitotree and Mito Discover** **with Katy Rowe**

If you have done a mitochondrial DNA test, you might be faced with matches that you can't identify. The Million Mito project has redrawn the mtDNA tree of humankind and this will be launched in the not-too-distant future. Find out what it is and how it will help you to get more from your mitochondrial matches.

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**Wednesday 4th September at 7pm**

**Mt-DNA Case Studies**

**with Roberta Estes**

Roberta Estes was one of the key figures in the Million Mito Project when it launched in 2020 and is renowned for her work with all types of DNA. In this class, Roberta will guide you through some case studies to illustrate how to research your matrilineal line more effectively.

**Thursday 5th September at 2pm**

**Climbing over Brickwalls**

**with Martin McDowell**

This class will show you how to dig deeper into your DNA results using available Y and Mt haplogroups in tandem with your autosomal DNA. Discover how can you collect and use these haplogroups and amalgamate all three types of DNA results to get you over brickwalls.

**Thursday 5th September at 7pm**

**Using a Chromosome Browser Effectively**

**with Martin McDowell**

Chromosome browsers can be crucial when working with your DNA. This talk aims to explain how to use this important tool effectively to help you prove your relationship to your matches.

**Friday 6th September at 2pm**

**DNA Proof Standards**

**with Martin McDowell**

Proving a match can be hard. How do you know when you have enough evidence to prove a match? This talk will provide 10 proof standards which you can apply to your DNA research to help guide you towards achieving the required level of proof.

**Friday 6th September at 7pm**

**Ancient DNA (tbc)**

**with Miguel Vilar**

To round off the week, molecular anthropologist Miguel Vilar is going to take us on a fascinating journey into the world of ancient DNA. Learn how FTDNA's Discover tool reveals your ancient connections - who they were and where they lived.