



Surrey U3A Network

CHEMISTRY, COSMETICS & KILLERS

A Study Day on Friday 20th May 2022 at The Menuhin Hall, Stoke d'Abernon

Speaker – Dr Kathryn Harkup

Chemistry, Cosmetics and Killers is a look at how chemistry influences our everyday lives, from the basic elements up to very large molecules. The talks will focus on how elements and molecules interact with each other and with us; how they benefit us and how humans have manipulated them for their own purposes. It will include the good, the bad and the ugly side of the compounds that keep us healthy and beautiful, as well as how we can have too much of a good thing. As Paracelsus, the father of toxicology, said: "It is the dose that makes the poison". Kathryn writes and gives regular public talks on the disgusting and dangerous side of science.

Programme

- 9.30 Registration
- 10.00 **The Secret Lives of the Elements**– A talk about the fundamentals of chemistry, the elements and how they fit into the periodic table.
- 11.00 Coffee / Tea
- 11.30 **The Chemistry of the Human Body** – The chemistry of a human being has some surprising inclusions and the recipe to make a fully functioning person is very carefully balanced.
- 12.30 Lunch – Bring-Your-Own – Tea / Coffee available
- 1.30 **Poisons** – Chemical methods of murder and how not to get away with it.
- 2.30 Tea / Coffee
- 3.00 **Dying to be Beautiful** – Killer cosmetics or the extraordinary things some people will do to maintain the body beautiful.
- 4.00 Departure

Speaker – Kathryn Harkup is a chemist and author. She completed a doctorate on her favourite chemicals, phosphines, and went on to further postdoctoral research before realising that talking, writing and demonstrating science appealed a bit more than hours slaving over a hot fume-hood. Kathryn's first book was the international best-seller *A is for Arsenic: The Poisons of Agatha Christie*, which was shortlisted for a Mystery Readers International Macavity Award and a BMA Book Award. She has also written *Making the Monster: The Science of Mary Shelley's Frankenstein*, and *Death by Shakespeare: Snakebites, Stabbings and Broken Hearts*. Her most recent book, *Vampirology: The Science of Horror's Most Famous Fiend*, was published June 2021.

To book send the slip below, with a cheque for £12, or £5 for Virtual Attendance or £15 for Non-U3A Guest, payable to Surrey U3A Network, or bank transfer to HSBC Account 11519018 Sort 40-27-07, Reference Event as May22 to John Kennedy– U3A, 20 Greville Park Road, Ashted, Surrey KT21 2QT, Telephone 01372 273561 or send an email to – surreyu3astudyday@btinternet.com. Enclose a SAE or an e-mail address for confirmation.

Chemistry **Member £12** **Visitor £15** **Virtual Attendance £5** **20th May 2022**

Please Tick – Attend Hall or Virtually ; E-mail or SAE ; Cheque or BankTrsf

Title First Name Surname Name of U3A

Address

Post Code Telephone..... E-mail

If you need disabled parking, tick , or a wheelchair space in the hall, tick .

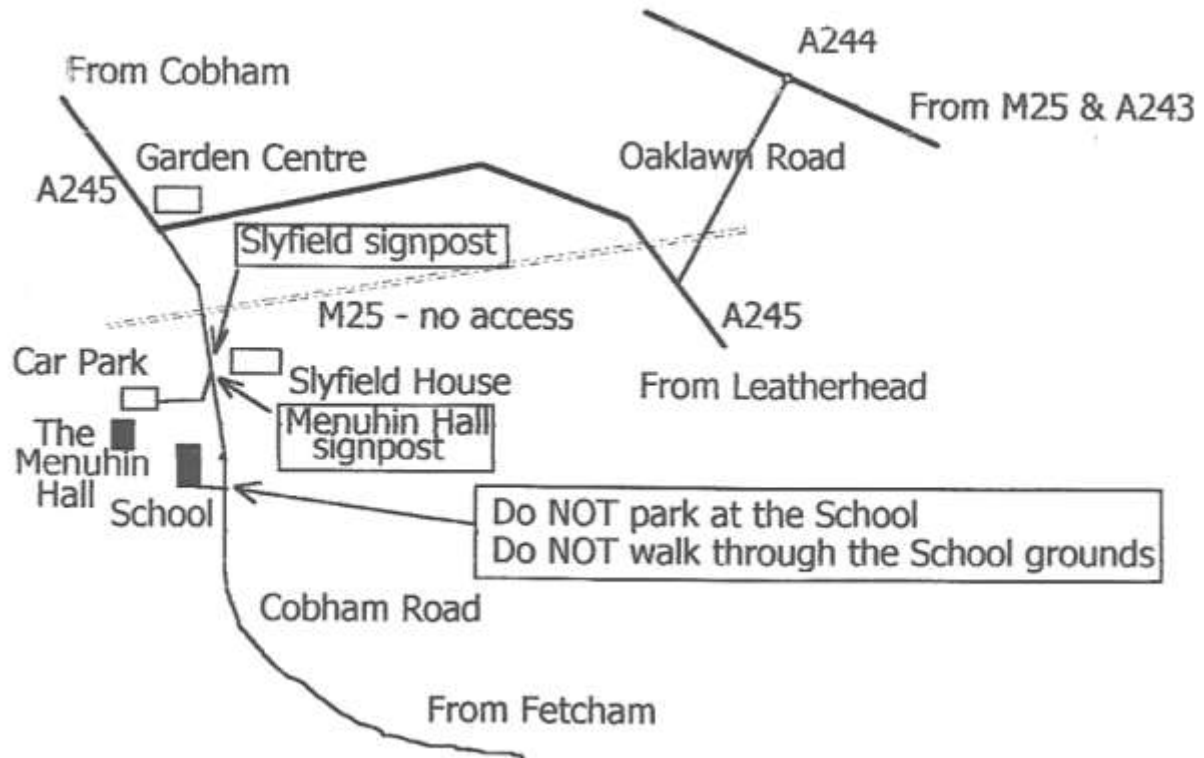
Location & Contact Details for Study Day

The Menuhin Hall, Cobham Road, Stoke d'Abernon, Surrey KT11 3QQ

Map Ref: TQ 132 579 on Landranger 187 & Explorer 146

Telephone 07763 805046 (Emergency - On-Day-Only) or Menuhin Hall Office 08700 842020

There is a Garden Centre (01932 862530), about 800 metres to the north of the Menuhin Hall where light lunches are available. Reservations are not required.



The Menuhin School was founded in 1963 in London and moved to its present site in 1964. It has about 80 pupils learning to play stringed instruments including piano and is financed, in part, by the DfE. Lord Menuhin was born in New York on 22nd April 1916 and died on 12th March 1999 in Berlin. His parents had come from Russia. His first public concert was in March 1924 and his first in Europe, in Paris, in 1927. His performance of Elgar's Violin Concerto was recorded at the Abbey Road Studios in 1932. The Hall, designed by Mark Foley, was conceived as a memorial to Yehudi and was handed over to the school on 5th August 2005. The official opening was on 7th January 2006. Yehudi is buried by the stone pillar in front of the Hall. Nearby is an oak which he planted on his 80th birthday. The Hall was first used for a Surrey Network Study Day on 14th October 2005.



Surrey U3A Network

STUDY DAYS AT THE MENUHIN HALL

Surrey Network Study Days – After an eighteen-month gap, study days at The Menuhin Hall re-opened in September 2021. We welcome members to our study days in the hall as in the past, while also making it possible for members to view the study days remotely. We will be following the hall's COVID-security precautions and such requirements may change following government advice.

Advertising & Booking – The practice of applying by post or by email will continue, with booking responses being sent as members chose, while payment can be made by cheque or bank transfer. We have discussed using on-line booking and consider that this is our likely next step, but the workload in setting up the programme for 2022 is our first priority. We advertise the study days with full details and booking forms on our website – <http://u3asites.org.uk/surreyu3anetwork/> and also circulate the information electronically to all U3As in Surrey Network and surrounding areas. In the past we posted booking forms to all those U3As but as the great majority of members have internet access and due to the work involved, we have decided to discontinue that service. We have been electronically circulating a poster suitable for advertising the future programme on display boards or websites and this will continue. The booking fee was £9 when the study days started in 2004 and has been £10 for the last five years. The fee will rise to £12 in 2022 with the virtual attendance fee staying at £5. The fee for visitors will rise to £15. Further information is given above including the booking form, details of the programme and the speaker's background.

Nut Allergies – The Menuhin School has pupils who have an allergic reaction to nuts and the staff have taken the decision to make the school and the Menuhin Hall a nut-free environment. Please ensure that your lunch does not contain any trace of nuts.

Disabled Parking – There are six spaces behind the hall and there are more in the main car park. If you have a blue badge and need level access to the hall, then tick Disabled Parking on the booking slip; you will then be allocated a space at the back of the hall and sent a permit. There is a drop-off space where disabled members have level access to the hall.

Wheelchair Spaces – If you need a seat removed in the hall to accommodate a wheelchair then tick Wheelchair on the booking slip.

Appreciation of Team Members and Plea for Support – Over the period of lock-down we were very sad to hear that four team members had passed away due to various causes and we wish to acknowledge the valuable support they gave for many years; Alison Gaitonde, Banstead U3A, John Harbridge, Dorking U3A, Sheila Hill, Fetcham U3A and Sheila Pomfret, Bookham U3A. The study days have been running successfully for seventeen years and new volunteers with ideas for the future programme and the energy to help run the study days will be made very welcome,

Please contact Surrey Network Chairman, Caroline Sawers, on 01483 560590.