

**A Message from the Chair**

Dear Members,

Yes, we are on the move (but not until 2021) and yes, we are on the case.....You may well have heard that we will need to leave our office premises in June 2021. This is because our current lease expires then, and we do not believe that it will be extended. Council has already started work to find other premises. This is what we have done so far:

1. We have consulted you about your preferences and also asked our staff for theirs. Tim Ewbank will be reporting on this in more detail. But the headline requirements are a central location near public transport, good accessibility, better air conditioning and more lavatories.

2. We have set up an Office Move Working Party: me, Tim Ewbank (our Vice-Chair), Margaret Kerry (our Treasurer) and Carol Spong (Office Manager). Other Officers or Council members will join the team as required. We will report to Council regularly.

3. We have appointed an independent surveyor whose job is to help find the premises and, with our solicitor, to help us negotiate the best terms for the future premises and for a smooth exit from Bridge Street.

4. We have set up an email address [officemove@u3ac.org.uk](mailto:officemove@u3ac.org.uk) where you can send questions, comments or even suggestions of likely properties. When we have something material to report we will inform you using the printed Newsletter, the weekly emailed Bulletin and the website. At a later stage there will also be a space on an office noticeboard which we hope will be helpful for members who do not use email.

5. We have been advised that the timescale for such a move is six to nine months from contract to moving in. So, we are unlikely to have much specific to tell you before the early summer 2020.

Please be assured that Council is treating the finding of suitable alternative premises as one of its highest priorities and I will be keeping you informed as matters progress. In the meantime, I hope you will continue to enjoy our varied courses and activities.

**Susan Honeyford**

**U3AC Term Dates 2019-20**

Monday 7 October – Friday 13 December 2019

Monday 13 January – Friday 20 March 2020

Monday 20 April – Friday 19 June 2020

Please note, start dates for each course are stated in the Programme and on the website.

## New courses – please enrol with the Office

### **HIS 39: The Other Livingstone (spring term)**

**Tutor:** Janet W Parsons

**Day and time:** Thursday 11:30 - 13:00

**Venue:** Castle Street Methodist Church (Epworth room, NB: First Floor - no lift)

**Length of course:** 1 term. Spring (10 weeks)

**Places:** 20

**Start date:** 16 Jan

The course will be informative but may also be affective, as the story of the Livingstones is essentially a tragedy. It will offer new understandings of Mary Livingstone, wife of the missionary-explorer, but also of David Livingstone and the Tswana Chief Sechele who befriended them. It will follow the progression of a research project that stretched across fifteen years to become "The Livingstones at Kolobeng, 1847-1852". The book will not be required. Classes will follow the narrative, with illustrations and time for questions and discussion. We will look at 1) research methods and data sources, 2) problems of research in difficult conditions, and 3) the advantages to a researcher who can experience the life conditions of a subject. It will conclude with comments on 1) the challenges of preserving a historical site, 2) two recent studies of Mary by other authors, and 3) gender re-balancing and other changes in historiography.

**Format:** Lecture and discussion

In the Kalahari, I encountered the ruined homestead of David and Mary Livingstone and their family when he was a missionary; I researched it and found a story nobody knew.

### **SCE 24: Animal Behaviour (spring term)**

**Leader:** Anabela Pinto

**Day and time:** Thursday 15:45 - 16:45

**Venue:** U3AC (Room 1)

**Length of course:** 1 term. Spring (10 weeks)

**Places:** 25

**Start date:** 16 Jan

Churchill said that dogs have owners and cats have servants, but how much of this results from a misunderstanding of animal behaviour? Can we know ourselves through studying the behaviour of other animals? This course explores common aspects of behaviour between us and other species. It introduces the different approaches to the study of behaviour and explores some common aspects such as intelligence, communication, mating strategies, and the evolution of morality. This is an interactive course showing many examples, videos and inviting the participation of the attendees.

**Format:** Taught course

I hold an MSc in Biology, a PhD in Behavioural Ecology and an MSc in Psychology. Since 1999 worked as a research associate at Cambridge developing education in animal welfare, behaviour and ethics.

### **Call Push Rescue**

**Tutor:** Diane Anstee

**Date and time:** Tuesday 10 December 11.00 – 12.30

**Venue:** U3AC, Room 1

**Number of places:** 9

Do you know how to give basic life support (cardiopulmonary resuscitation)? The British Heart Foundation has launched a new initiative to help create a nation of lifesavers. Come along to a single workshop to learn these simple, but vital skills. All you need is the ability to kneel down (but if that's not possible, come along and watch!).

### **DATE FOR YOUR DIARY**

The next Ron Gray Annual Conference will be held on Saturday 18 January 2020 in the McCrum Lecture Theatre. Keep an eye on the weekly Bulletin for further details nearer the time.

## Course amendments

Any amendments to courses after the Programme has been printed are made on the U3AC website which is kept fully up to date; please check the individual courses on the website for full information.

ESP 01: Esperanto language for grandparents - CANCELLED

HIS 29: The Cambridge Phenomenon: history and impact of a world-renowned technology cluster (spring term) - Amended to 8 weeks, commencing 23 January 2020

## Vacancy list

If you would like to apply for any additional courses (up to a maximum of 6 in total) a vacancy list is available on the website, which is regularly updated, or from the Office.

## Message from the Administrator

### Could you help during the busy first two weeks of the Autumn Term?

The first two weeks of term are always particularly busy at Bridge Street with members making enquiries, seeking advice or simply wanting to be directed to the correct classroom. Can you help us during this time please?

We are looking for some additional temporary 'volunteer reception' support so that we can speed up our response to members. While you should know a little about U3AC and be familiar with the layout of the Bridge Street building you do not need to be an expert on everything. Our office staff and our regular volunteers will be on hand to help. And you can have a FREE cup of coffee!

If you are a 'people person' with common sense this could be an enjoyable activity. If you have considered volunteering on reception it is a chance to give it a try. Most of all you would be helping to make the U3AC experience easier for your fellow members.

**We need extra reception support Monday 7 - 11 October for sessions between 9.30 – 11.30, 11.30 – 13.30, 13.30 – 15.30 and Monday 14 - 18 October for sessions between 9.30 – 11.30, 11.30 – 13.30.**

If you can help either email [office@u3ac.org.uk](mailto:office@u3ac.org.uk), phone on 01223 321587 or call into Bridge Street between 10 am and 2 pm. If you have any other questions please contact the Office. Thank you.

**Nicky Morland**

## Access to Bridge Street premises

### Entering / leaving the U3AC premises

There are handrails on the left hand wall to hold onto when you enter the premises. If you have difficulty with the steps or need assistance there is a bell to alert staff to your presence, there is also a folding ramp for those in a wheelchair. The bell is on the left hand wall at step level so you can press it with a foot or walking stick without needing to bend down.

## How do I find out what's happening in U3AC?

The weekly bulletin is produced each Wednesday and contains:

- Details of the following week's Wednesday lecture
- Details of the next Norah Boyce Science lecture
- New courses
- Course updates
- One-off lectures
- Events
- Trips

and much more! It is emailed to all members (unless you have requested not to receive it). If you do not currently receive it and wish to, please contact the Office. The weekly bulletin is also available to collect from the U3AC Office and can be viewed on the U3AC website.

## Administrative Information

### Tutors' contact details and courses held in members' homes

The printed Programme does not include tutors' contact details or the venue if a course is held in a member's home. This information can be found on the website and members need to log in using their username and password to view this. Your username is your first name then a full stop then your surname. You will need to set up a password the first time you use this. (Member Login / Forgotten Password?) Members without internet access or prospective members can request this information from the Office. Please contact the Office if you have any difficulties using the website.

### Non-attendance

If for any reason you are unable to attend the first week of your course please inform the tutor or the Office **before** term starts. Due to many courses having a long waiting list and in fairness to other members, if we do not hear from you we will replace you with someone from the waiting list immediately after the first session.

### To all members: Oversubscribed courses

Please check your letter carefully as to which courses you have been allocated. A member may not attend a course, even those with a large number of places, if they have **not** been given a place.

### Withdrawing from a Course

If you are no longer able to attend a course in which you have been allocated a place, please inform the Office at the **earliest** possible opportunity. Please do not wait until the course is about to start or has started. Thank you.

### Mailings

We make savings in postage by combining husband/wife mailings in one envelope. If, however, members would like future mailings sent separately please inform the Office.

### Communicating with Members

In order to maintain low administrative costs and reduce paperwork, where possible the Office will communicate with members via email. This may include notification of a change to your course, a cancellation or course material. It is therefore important that the Office is informed should you change your email address or no longer have this facility.

### Council Minutes

All members are entitled to request to read the minutes of the U3AC Council meetings which are held in the U3AC Office.

### Council meeting

The next meeting is on Friday 4 October 2019.

### Copy for next Newsletter

Articles/information that members would like published in the next newsletter should be received by the Office no later than **Monday 2 December**.

## General

### **PAT testing**

Are you intending using your laptop or electronic device in the U3AC premises? These cannot be plugged into the mains unless they have first been PAT tested. (If you are only using them on battery you do not need them tested.)

We have arranged for any equipment you wish to use to be PAT tested on Tuesday 1 October from 11 am – 12 noon.

### **Discounts to members**

Discounts in local restaurants and businesses have been negotiated for U3AC members and a list is available from the U3AC premises or on our website.

### **Jigsaw exchange**

There is a jigsaw exchange which is kept on the bottom shelf of our bookcase at U3AC. If you have any jigsaws you wish to swap please make sure they are in good condition with no missing pieces.

### **Book swap**

There is a free Book Swap in the coffee area at our Bridge Street premises for all members to use. It has a mix of novels, biography and factual books in paperback and hardback. Simply bring along a book and swap it for something else on the shelves. You can then keep the new book, or bring it back and swap it again. Nothing larger than A4, and in reasonably good condition, please. The stock turns over regularly - the more it is used, the more choice there is.

### **Exhibitions**

If any U3AC groups or individuals would like to hold an exhibition of their work at the U3AC, please contact the Office to reserve a 3-week slot. If you are looking to sell your work through the exhibition U3AC would appreciate a donation from your profits.

## Social

### **CCSO Concert**

There will be a concert at the West Road Concert Hall given by the Cambridge City Symphony Orchestra on 30 November 2019. The CCSO has again generously made the U3AC a beneficiary of this concert. In order for the U3AC to gain the agreed benefit, you will need to purchase your tickets via the Office and they will be available in due course, so look out for further details in the weekly Bulletin nearer the time.

### **Wine Tasting**

Details of the next wine tasting evening will be in the weekly Bulletin once arranged.

### **U3AC Christmas Lunch**

We will again be returning to the Royal Cambridge Hotel, Trumpington Street for Christmas Lunch on Wednesday 18 December. Application forms will be available from 1 November.

### **New Year Drinks and Light Buffet Lunch**

The annual New Year event will take place in the David Rayner Centre, Scotsdale's Garden Centre on Friday 10 January 2020. Application forms will be available from 1 November.

## Deaths

We were sorry to hear recently of the deaths of:

*Christopher Barrett in April*

*Eric Southern in June*

*Robert Hood in July*

*Michael Coleman in July*

*Hannah Hurst in July*

*Harcharn (Harry) Singh in July*

*Simon Gosnell in August*

## Other Organisations

### **Other organisations**

Details of events held by other organisations can be viewed on our website <http://www.u3ac.org.uk/other-organisations/>

**'Young Girl', 1971: Reflections**

Real pity in his 14-year-old voice, he asked:

'Weren't the seventies sad, mum?'

Eyes closed, I searched for memories...

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A brand-new undergraduate, waking beneath my Indian cotton bedspread  
To Dylan's 'New Morning', eyes bleary from the cider or, if funds allowed,  
The rum and coke and maybe too the smoke the night before

A bath with Aqua Manda orange-scented oil  
Put on my Biba brown eyeshadow and paint nails a blood-clot red  
Don velvet, cheesecloth, flowery printed skirt, and that silver Ankh ring  
From Al: he in brushed denim, soft floppy shirts and those glorious Afro curls

Coffee in Lyons Corner House, and haddock from MacFisheries  
Peering through my granny specs, still fathoming this 'new money'  
Two lettuce rolls: 9 ½ 'p'. An evening dinner out: before, 5 shillings, now 25 new 'p'

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Sad?

No, just oblivious of the outside world. What problems did I have?

Trying to master the column shift of Al's rusty Vauxhall Viva. (I never did.)  
The awful smell of rain-soaked Afghan coats and grungy flares  
Of loon pants, like the hems of maxi coats, trailing in the mud

At night, thrills from Electric Ladyland and my first and deepest love, fear-free  
For Pill-blessed sex is safe, with no real threat of consequence  
Nor inhibition from the parents far behind at home. And no responsibilities.  
Troubles drift skyward like the sickly smoke of joss sticks

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Sad? No, I was never happier.

But should I tell him?

**Rachel Meller**

## Remember

Here I sit tickling the ivories on a beat-up piano in this two-bit joint for next to nothing, except for a few nickels and dimes that the customers flip into the glass that I keep on top of the lid. Then, out of the corner of my eye, I notice a sweet-lookin' dame settling down with her drink at the table right beside my piano.

I feel her gaze on my back face as I play through the popular nineteen thirties standards of the day. I'm half way through Summertime when she speaks to me saying in a sexy smooth voice, 'I have a curious sense of déjà vu right this minute, Mister piano player, an' I guess you're goin' to tell me that your name is Sam; am I right?'

'Yes Ma'am, Sam's my name. Who told you?' I reply, not dropping a note or changing the tempo.

'Oh, no one. I suppose it was that that movie I caught last week. Now, what was it called? Oh yes, Casablanca, and there was a scene, in a classy nightclub, nice place it was, a whole world away from this here poor excuse for a night club.'

'So, what was the movie about?' I ask.

'Humphrey Bogart was in it. And in this scene this dame, Ingrid Bergman it was, asked the piano player to play a number; I think it was called You Must Remember This. It was all so goddam romantic.'

She hums the first few bars to me before her voice trails off when she sees my boss, the Manager, approaching. Then she gives me a sad smile, saying, 'So, please, why don't you play it for me? Play it Sam.'

**Mike Roe**

## **Animals in their Habitat at U3AC 2003 – 2019**

The courses began when I popped into the Old Warehouse on Bridge Street and asked Carol Spong if she thought anyone would be interested in seeing my pictures of wild tigers. Her response was encouraging. I put together six presentations about tigers, elephants, rhinoceros, crocodiles, and the Red Kite. No-one in the group was much interested in the Red Kites, but information on the other animals was well received, and group members were supportive and offered suggestions as to how the presentations would be improved.

When looking for tigers in India much other wildlife was observed, and the next course concerned these observations, accompanied by our own field photographs. The photographs are taken on small bridge cameras by my husband (the much better photographer) and myself, a trigger-happy snapper interested in sequences of photographs that illustrate the brief examples of behaviour we observe.

We travelled to biodiversity hotspots and brought the resulting photos to U3AC, always a year after the treks, so that I was always sure that I had the pictures to deliver the presentations. Some years on, I ran out of new material to show, so I put together the photos of all the birds we had seen, and used the experience to do some research on birds that I had been meaning to do, and for which the presentations gave me an end-point and a purpose. The research for the presentations has always been something I have really enjoyed.

I studied dinosaurs at university for about two hours back in the 1970's and idly wondered since where research on them had led, so another project involving rather more than two hours materialised. After dinosaurs came ancient megafauna. These ideas kept me very happily engaged during the dark winter days before the presentations.

After travelling in India for short periods over nine years, we decided we needed to speak some Hindi. We spent a winter trying to learn the language – and then I decided to launch it at the U3AC. There were two courses, a basic one, and one where we moved it forward through children's stories and newspaper articles.

In the meantime, we built up more photos from biodiversity hotspots, and the Animals in their Habitat courses continued with experiences from Ecuador, South Africa, Kenya, New Zealand, Tasmania, Western Australia and finally, this year, Madagascar.

We are back in Western Australia at U3AC next year, taking in the Stirling Ranges, the Fitzgerald River, Albany, Esperance, Norseman, Kalgoorlie and Merredin, with another visit to Perth Botanic Gardens at a different time of year. We incorporate a look at the goldfields, and ghost towns. During this journey I am happy to report that I saw my first red kangaroos.

I haven't repeated any of the presentations, but have been asked whether I would. I would offer a presentation or two or three on Indian wildlife, perhaps one on Africa and one on Ecuador, if enough people were interested.

I've met some really nice and interesting people during my time at U3AC, another important reason to carry on.

This year you will find me listed under World as the upcoming presentations are more about a journey through Australia than animal habitat as such, although there are plants aplenty – and those red kangaroos. We try to get to grips with the Banksias and some Eucalypts, so there is some depth as well.

My thanks to everyone in the office at U3AC for their work in putting the programme together and managing the venues and the people so seamlessly. Thanks also to each and every one of the members of my groups. There is always plenty of lively interest in the room. I sometimes think I should leave a bit more time for discussion to make things more sociable. I like to fill my hour with info to give value – I wonder whether people actually want time for discussion, or whether they would feel this was time wasted. Feedback welcome – please feel free to drop a line to the office, by the end of December, in time for incorporation into ideas for the future.

With best wishes for all your plans for 2019.

**Gillian Watts**



## U3AC Film Group

Established in October 1999 with the much valued contribution of the Arts Picturehouse Cambridge management, the aim of the U3AC Film Group is to show a wide range of the best in both historic and contemporary world cinema from all countries, generations and genres, and our programmes take a robust and adventurous approach to the history of cinema. The Group's shows take place at the Arts Picturehouse every Tuesday during term time (other than where indicated), and our films are shown generally in Screen 3 and occasionally in Screen 2. There are no ads or trailers which means that all of our films commence **promptly at 1.00 pm** other than when an epic or exceptionally lengthy film is shown, and members are kindly requested to adhere to the start time of 1.00 pm as a dark cinema can be hazardous. Members are most welcome to attend our post screen discussions and to make suggestions for future showings.

Our 2019/20 Season includes the first of our celebration of films of the decades beginning with the Thirties, and the start of Chaplin, and Huston mini tributes.

**Members are kindly requested to ensure that all electronic devices are switched off or in the case of mobile phones switched to silent mode.**

**Please note that our Autumn programme starts the week before the main U3AC term courses and that there will no U3AC Film Group show on 22 October because of the 2019 Cambridge Film Festival.**

### AUTUMN TERM 2019

**1 October      Agora**

**Dir: Alejandro Amenábar: Spain 2009 (127 mins)**

Ancient Alexandria is the setting for this epic drama starring Rachel Weisz as the little known astronomer Hypatia. When she comes up with the revolutionary idea that the planets revolve round the sun, she is vilified not just because of her gender but because she is considered a pagan in an increasingly Christian world. The film makes a powerful argument for independent thought over religious faith. This is a most interesting but little seen film, and makes an ideal start for our Autumn season.

**8 October      Modern Times**

**Dir. Charles Chaplin: USA 1936 (86 mins)**

**[Member's Request: Thirties' Season: Chaplin Tribute]**

Chaplin's ridiculing of an increasingly mechanised and mechanical society is an inspired assembly line of gags, as machines chew up our hero and spit him out, Charlie finds solace in the love of Paulette Goddard and a sunset stroll into a happy-ever-after. This may be naïve, but Chaplin was in the business of redemption, and this was the only way out he could find in darkening days.

**15 October      La Règle Du Jeu**

**Dir: Jean Renoir: France 1939 (110 mins)**

**[Thirties' Season]**

This complex comedy of manners from Jean Renoir flopped badly on its initial release. However, on its re-release in the late Fifties it was acclaimed as a masterpiece, going on a few years later to selection by an international poll of critics as the third greatest film of all time. Focusing on an up-market country house party, the film is a sophisticated, poignant and often funny study of social mores and the games people play. Renoir stars, directs and co-scripts.

**22 October      NO U3AC SHOW! 2019 CAMBRIDGE FILM FESTIVAL**

**29 October      Departures**

**Dir: Yojiro Takita: Japan 2008 (130 mins)**

**[Member's Request]**

Death informs life in this elegantly simple Japanese film. An unemployed cellist, Daigo, finds himself apprentice to a terse undertaker and learning how to prepare the bodies of the dead for their journeys to the next world. The film's whimsical take on the Japanese funeral industry is surprisingly funny. The director Yojiro Takita delights in playing with the squeamish qualities of his subject. This fine film is gently uplifting as Daigo's journey of self-discovery is fired by his new-found appreciation of the end that awaits us all.

**5 November      The Dead**

**Dir: John Huston: USA/UK 1987 (79 mins)**

**[Member's Request: John Huston Tribute]**

This beautifully judged adaptation of James Joyce's short story about a family Christmas gathering in turn-of-the-19<sup>th</sup> century Dublin is a fitting swan song to its director, John Huston's distinguished career. Huston captures the national character with a deft economy that few film-makers could hope to emulate. However, it's the quality of the ensemble acting that makes this warm nostalgic and intimate drama such a moving experience.

**12 November Gigi****Dir: Vincente Minnelli: USA 1958 (115 mins)**

Rightful winner of 9 Academy Awards (including best picture) this is the last great musical from producer Arthur Freed. Freed coerced composers Lerner and Loewe into creating a screen original from Colette's novella following their sensational stage success with *'My Fair Lady'*. Wonderfully cast, designed and directed *'Gigi'* is a sophisticated and entertaining musical treat. The story about the training of a young girl to become a courtesan is hardly the usual basis for a screen song-fest but it's brilliantly and intelligently handled.

**19 November Lolita****Dir: Stanley Kubrick: UK 1961 (152 mins)**

"How did they ever make a film of Lolita?" asked the posters for this brilliant Stanley Kubrick tour de force. In the author, Vladimir Nabokov's adaptation of his own novel about the paedophile professor and the 12-year old girl there are added layers of black comedy and only slight compromise. Brilliant acting from James Mason, Shelley Winters, Peter Sellers etc confirm the high quality of this modern classic.

**26 November Fill the Void****Dir: Rama Burshstein: Israel 2012 (91 mins)**

In Rama Burshstein's exploration of life within an ultra-orthodox Jewish community in Tel Aviv a young Hasidic woman, Shira, is pressurised by her family to marry the widower of her recently deceased sister. This makes for a fascinating drama, mapping out the culture and societal structures that dictate life, whilst never losing perspective of Shira's predicament.

As tense and gripping as any thriller, this insight into a largely closed –off world is a breathtaking study of the struggle between family bonds and individual freedom that has heralded Burshstein as a bold new voice in contemporary cinema.

**3 December The 39 Steps****Dir: Alfred Hitchcock: UK 1935 (86 mins)****[Member's Request/Thirties' Season]**

Alfred Hitchcock brings John Buchan's novel to the screen with characteristic wit and verve. The film has all the ingredients of classic Hitch, not least the innocent-man-on the –run plot. Richard Hannay (Robert Donat) gets dragged into an espionage conspiracy after an outing to a London music hall and ends up in Scotland handcuffed to an icy blonde (Madeleine Carroll).

**10 December The Wizard of Oz****Dir: Victor Fleming: USA 1939 (102 mins)****[Member's Request/Thirties' Season]**

One of Hollywood's quintessential productions this musical adaptation of Frank Baum's classic fable is probably the most beloved fantasy film of all time and the ultimate family picture. It has something for everyone: wonderfully strange lands, fun-scary moments, a dazzling assortment of fairy-tale characters, fabulous songs to take us all somewhere over the rainbow. Continuously enthralling and of course ideal for the Christmas season.

**Our First Show of the New Year [ "Walkabout" – 96 mins] will be at 1.00 pm on Tuesday 14 January 2020. Please note this is still subject to confirmation from Picturehouse.**

**U3AC 10-week terms at the Cambridge Arts Picturehouse**

- U3AC members can buy a 10-week film term for a discounted price of **£35**. This allows you free entry to each of the 10 films screened at the Cambridge Arts Picturehouse at 1 pm each Tuesday of the term.
- To get set up, register at any till at the Cambridge Arts Picturehouse near the beginning of a term. Bring your U3AC membership card as proof of eligibility to this scheme. The Picturehouse staff will issue you with a plastic Picturehouse Membership card.

**U3AC term card**

- Your U3AC term information is stored electronically on a plastic Picturehouse Membership card.
- This plastic Picturehouse Membership card will hold 10 free U3AC screening ticket credits on it, lasting the whole of the 10 week term. Please keep this card and renew it at any till before each term at the cinema (not yet over the phone or on the website).
- If you already have a plastic Picturehouse Membership card, for which you've either paid an annual fee or from a prior U3AC term, we will add the current U3AC term to this existing card.

**Entry to each U3AC film**

- Each week's film starts promptly at 1 pm every Tuesday of the term (unless otherwise stated).
- You will need a paper ticket stub to gain entry to each week's U3AC film.
- Present your plastic Picturehouse Membership card at any till in the cinema to get your free ticket to the current week's U3AC film, which you can show to the usher to gain entry to the film.

## U3AC Cultural and Social Activities Committee

### 1. Information may be obtained from:

- ❖ the printed bulletin from 27-28 Bridge Street
- ❖ the website: [www.u3ac.org.uk](http://www.u3ac.org.uk)
- ❖ email: [office@u3ac.org.uk](mailto:office@u3ac.org.uk)

### 2. Application forms can be obtained in the following ways:

- ❖ on the website
- ❖ by email from the Office
- ❖ from the display area at 27-28 Bridge Street
- ❖ at the Wednesday lectures
- ❖ by sending a stamped addressed envelope to the Office with the name of the event in the top left-hand corner
- ❖ for a fee of £7 annually (payable in September, see form at bottom of page) members can be sent forms as soon as they are available

**NB:** when sending forms you **must** clearly mark the back of the envelope with the name of the trip. Forms are usually available about 4 weeks before the outing. A draw is held, if necessary, about 2 weeks later in order to make it fair for everyone. **All forms must be sent with a stamped addressed envelope, to the Office or placed in the Collection Box at U3AC by the closing date.**

It is important that forms are filled in correctly especially the section at the bottom re. a contact number for emergency purposes as this is a legal requirement.

We ask members to bring their acceptance slips with them as confirmation of the acceptance of their booking, to avoid any misunderstandings.

### 3. The following event has been arranged

**17 October 2019**

#### **Trip to Greenwich**

A trip has been arranged to visit Greenwich. Cost £15.50

**Organiser:** Ann Jessett

Application forms are now available.

Closing date for applications: 19 September

4. Members are reminded that places on a visit can only be offered to a friend who is **not** a member if there is no waiting list for a trip. Arrangements must be made through one of the organisers.
5. Activities are publicised in Bridge Street and also at the Wednesday Lectures. The Chairman is Clem Messenger.
6. We shall use the **Trumpington** and **Madingley Road Park and Rides** regularly as our two pick up points, except on Sundays, when we shall also be using Bateman Street.

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**Please send me application forms for U3AC Cultural and Social Activities Committee trips by post once they become available, I enclose cheque for £7.00 payable to U3AC.**

**Name:** .....

**Membership No:** .....

**Address:** .....

Please return this form with your cheque to the U3AC Office

## Norah Boyce Science Lectures

The Lectures are a distinct and popular part of our programme and complement the Wednesday Lecture series. We offer about eight lectures per academic year, and aim to cover a broad range of scientific themes each year, both general and topical

They are held on Tuesdays at 5.45 pm in St Andrew's Street Baptist Church, St Andrew's Street, Cambridge. Please enter via the passageway marked Stonehouse Yard and Café. This is not open for service after 4pm, but access is available from 4.30pm.

### AUTUMN TERM 2019

"Science for Everyone"

#### **15 October Applications of Graphene and Related Materials**

Professor Andrea Ferrari (Director of The Graphene Centre)

Disruptive technologies are usually characterised by universal, versatile applications, which change many aspects of our life simultaneously. Moreover, the more universal the technology, the better chances it has for broad base success. Significant progress has been made in taking graphene and related materials from a state of raw potential to a point where they can revolutionize multiple industries. I will overview the progress done thus far and the future roadmap.

#### **12 November How Insects Jump so Far and so Fast**

Professor Malcolm Burrows FRS (Former Head of Department of Zoology)

Common insects in our gardens produce some of the fastest and most powerful jumping movements of all animals. What mechanisms in the brain, the muscles and the mechanics of the skeleton can be revealed by high speed videos and by 3-D images of body structures?

#### **26 November The Fuel of Life**

Sir John Walker FRS (Nobel Laureate in Chemistry)

How does the biological world supply itself with energy and what medical consequences ensue when the energy supply chain in our bodies is damaged or defective? The lecture will be devoted to how we generate the fuel of life, in the form of the molecule adenosine triphosphate (or ATP for short) and how we can use our knowledge of this process to benefit mankind.

#### **10 December Plastic Planet**

Dr. Claire Barlow (Deputy Head of Department of Engineering)

David Attenborough's Blue Planet documentaries have highlighted the devastating effect that waste plastic is having on our environment, particularly the marine environment. Plastic packaging is seen as iconic of our wasteful throwaway society: should it just be banned? But if we look more closely at the whole system we see that there are other sides to the story: packaging can save huge amounts of resources if used and disposed of wisely. In this lecture we will examine the environmental consequences of using of plastics for packaging, and explore some of the alternatives.

## Wednesday Lectures

This series of weekly lectures will take place at 2.15 pm in **The Physiology Lecture Theatre**  
Department of Physiology, Development and Neuroscience, Downing Site, CB2 3EG.

All members are welcome to attend. Please have your membership cards ready to show on entry. Any last minute changes to the programme of Wednesday lectures will be publicised in the weekly Bulletin

### AUTUMN TERM 2019

**9 October**      **\*\* NO LECTURE \*\***

**16 October**      **Britain and the Outbreak of War: 80 years on**  
Dr Peter Neville, Fellow of the Royal Historical Society

The lecture will look at the exact circumstances surrounding Britain's entry into war in September 1939. It will also analyse why the Appeasement policy of Neville Chamberlain was conceived, and why it ultimately could not succeed. Another theme will be the extent to which the Chamberlain and Baldwin governments were, as many historians have suggested, responsible for the crisis facing Britain in the summer of 1940.

**23 October**      **The changing state of nature in Cambridgeshire**  
Brian Eversham, Chief Executive Wildlife Trust BCN

Three centuries of local naturalists recording species and habitats provides a better picture of local wildlife than almost anywhere else on earth: we know where our wildlife was, where it is now, and how it is changing. But surprisingly few people are aware of the rare or unique habitats and wildlife of Cambridgeshire, such as the small-range endemic elms and goldilocks-buttercups, species which can only be conserved here: if we lose them, they are globally extinct.

**30 October**      **Marlowe and Espionage**

Christopher Andrew, Emeritus Professor of Modern & Contemporary History, University of Cambridge;  
former MI5 Official Historian

Ever since the 1580s, when England became (probably) world leader in both drama and intelligence, there has been little studied interaction between the two professions. Elizabethan secret agents included the Corpus dramatist Christopher Marlowe and the Trinity Fellow who was the first 007 (00 represented the Queen's eyes).

**6 November**      **The formation and evolution of galaxies across the cosmic epochs**

Professor Roberto Maiolino, Professor of Experimental Astrophysics, Director, Kavli Institute for Cosmology, Cambridge

Galaxies are fascinating systems in which stars form and evolve, and which are also subject to dramatic events such as the violent expulsion of matter by supermassive black holes and collisions with other galaxies. The lecture will give an overview of our current understanding of the early phases of galaxy formation in the primeval Universe and of the processes that have transformed galaxies across the cosmic epochs, resulting into the population of galaxies and galaxy clusters observed in the local Universe. The lecture will also give an overview of some of the major telescopes and facilities that are being used to make progress in this field.

PTO

**13 November Brexit: What has happened and where are we going?**

Professor Catherine Barnard, Professor of European Law, Faculty of Law, Cambridge University

*The theme behind this lecture will depend on the outcome of the proposed leave date of the 31st October.*

**20 November Exhibiting the Ice Age in Cambridge**

Dr. Douglas Palmer, Sedgwick Museum

Modern research has shown that the so-called 'Ice Age' was in fact a 2.6 million long period of marked climatic instability. Following an earlier long period of cooling of the atmosphere and oceans, polar ice caps were formed. Their repeated expansion and contraction (over 50 cycles) had a drastic effect on life and the environment especially in high latitudes. The driving forces and processes behind this remarkable and relatively unusual event in earth history are very complex.

My talk will explain the 'why' and 'how' of the Museum's new 'Ice Age' exhibit within the wider modern concept of this 'life-changing' event. Our display focuses on Cambridgeshire, the last glacial cycle, its biota and environments.

I will also set the story within an historic context of developing ideas about the 'Ice Age' and the conversion of scientists such as Adam Sedgwick from a 'Flood' based theory to acceptance of a major climate-driven event.

**27 November Why books are interesting beyond their words**

Dr. David Pearson, Research Fellow, Institute of English Studies, University of London

Why books are interesting beyond their words and whether and why books will matter in a digital future, all the things we should look for in books that tell us interesting things about their individual histories.

**4 December George Eliot and Vincent Van Gogh: Everyday Life in Colour**

Professor Ruth Livesey, Royal Holloway, University of London

Not many people know that George Eliot's fiction had a huge influence on the work of Vincent Van Gogh. When he sent a copy of his iconic brilliant yellow painting, *Bedroom at Arles* (1889), to his sister he said he was trying to paint something of Eliot's novel, *Felix Holt, the Radical* (1866), set in 'Treby Magna', a fictional version of Nuneaton. Other paintings reference the landscape of provincial life Eliot depicted in *Scenes of Clerical Life*, *Adam Bede*, and *Silas Marner*. This lecture will use Van Gogh's paintings to look again at George Eliot's places. What do these two great artists share in the way they depict everyday life? What do they do in their work to make everyday places and ordinary people seem full of radiant colour and significance – and why does that matter now, more than ever?

**11 December The future of cancer care - a key determinant of the NHS yet to come**

Professor Sir Leszek Borysiewicz FRS

Basic research and clinical care have had a profound impact on outcomes in cancer care. While the ageing population of all countries is going to see cancer incidents grow such that one in two individuals will be affected by cancer in their lifetime, yet the outcomes are such that most will survive 10 years or more. This means that the molecular cancers will be fundamental in predicting and individualising the approach to a patient. This throws up huge challenges as it means that current models of evaluating outcomes will be insufficient and the data/technology revolution will completely change our approach. If cancer is converted into a chronic disease as a consequence, then the impact of this on the whole system of healthcare delivery will be significant.