



# Wakefield Girls' High School



## The Barbara Hepworth Lectures 2014/2015

## Barbara Hepworth Lectures - Calendar of Speakers

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**17 Sep**

Freddy Naftel

**24 Sep**

Rachel Kelly

**01 Sep**

Kate Welch

**08 Oct**

Nicola Sinclair

**15 Oct**

Hilary Robinson

**05 Nov**

Clare Goldwin

**12 Nov**

Elizabeth Watkins

**19 Nov**

Jon Spooner

**26 Nov**

Mike Evans

**07 Jan**

Helen Davies

**14 Jan**

Lucy Barnett

**21 Jan**

Kevin Houston

**28 Jan**

Madeline Shann

**04 Feb**

Lorna Dougan

**11 Feb**

Amanda Waterman

**25 Feb**

Any Questions?  
Governor's Panel and Head  
Girl

**04 Mar**

Alison Cairns

**11 Mar**

Helen Kennedy

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17<sup>th</sup> September

#religion

[Freddy Naftel](#)

#history

The Holocaust and what it means to be Jewish Today

#society

The Holocaust is undoubtedly the most significant event in the history of twentieth century conflict. With family connections to the concentration camps, Freddy Naftel outlines the experiences of survivors and victims, and places the Holocaust in a broader context of continuing anti-semitism.

*Freddy Naftel is a teacher and public speaker, whose mother and grandparents fled Germany during The Second World War.*

[Holocaust-education.co.uk](http://Holocaust-education.co.uk)

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24th September

#psychology

[Rachel Kelly](#)

#mentalhealth

Black Rainbow – How Words Healed Me

#literature

Seventeen years ago, Oxford graduate, working mother and *Times* Journalist went from feeling mildly anxious to being completely unable to function in just three days.

Throughout her depression, the healing power of poetry became an integral part of her recovery. In her book, Rachel analyses why poetry can be one answer to depression and offers a lifeline for anyone seeking to understand depression.

*Rachel Kelly is a journalist with a long standing interest in mental health. She worked for The Times for ten years as a reporter and feature writer before becoming an author.*

[Rachelkelly.co.uk](http://Rachelkelly.co.uk)

1<sup>st</sup> October

#economics

[Kate Welch](#)

#politics

Social Enterprise: How Business Models can Help Change the World

#society

The growth of social enterprises reflects a new and innovative way to help achieve regeneration in areas where joblessness and decline have crippled generations. Kate Welch and her company Acumen have been at the forefront of work in the North-East and her expertise is now sought around the country.

*Kate Welch OBE is the Chief Executive of Acumen, a social enterprise company. She received her OBE in 2008 for her work in the North East where she helped deliver work training for young people and older unemployed.*

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8<sup>th</sup> October

#arthistory

[Nicola Sinclair](#)

#politics

Scandal at the Gallery: The Art of Deciding what goes in our National Collection of Paintings

#culture

#publicart

How do the curators of The National Gallery decide what should be hung on its walls? With millions of pounds of tax-payers' money at stake, the answer involves arguments, passions and a lot of odd-looking German paintings. Nicola Sinclair explains how public attitudes define what is deemed worthy of being 'art'.

*Nicola Sinclair is a graduate researcher from The University of York working with The National Gallery. Her particular interest is German religious paintings of the 15<sup>th</sup> Century.*

15<sup>th</sup> October

#literature

Hilary Robinson

#illustration

Dr Seuss: Medicine for the Creative Mind

#catinthehat

The weird and endlessly rhyming world of Theodor Seuss Geissel has delighted and entertained generations of children since the late 1930s. His work is particularly popular in America, where Hilary Robinson grew up. Now a children's author herself, she explains how *The Cat in the Hat* changed her world and inspired her in all aspects of her work.

*Hilary Robinson is a children's author and BBC producer. She has written over 40 books and is best known for her Mixed Up Fairy Tales series.*

*Hilaryrobinson.co.uk*

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5<sup>th</sup> November

Clare Goldwin

Makeovers and Maternity: Newspaper Feature Writing

In a highly competitive media environment, what is life like for a female freelancer in print journalism. What do editors want, what sells and what are the pitfalls of the new media environment? With extensive experience of writing for newspapers, Clare Goldwin gives an insider's guide.

*Clare Goldwin is a freelance feature journalist and editor, and has written features for a range of publications including the Daily Mirror, The Daily Mail and Mail on Sunday.*

12<sup>th</sup> November

#politics

[Elizabeth Watkins](#)

#philosophy

Understanding Inequality in the UK: What Political Philosophy can tell us about the Real World

#currentaffairs

Income equality is a growing issue in many western countries, including the UK and the US. Political Philosophy offers different approaches to the very real challenges that face the modern world, so what can it offer in response to the growing gap between rich and poor? Elizabeth Watkins explores the abstract ideas and considers what they might mean for concrete solutions.

*Elizabeth Watkins is a graduate researcher at The University of Leeds and a trainer with Thinking Space, a philosophy education company. She is also a mentor for Leeds Philosophy Exchange which helps get philosophy students into schools*

[Thinkingspace.org.uk](http://Thinkingspace.org.uk)

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19<sup>th</sup> November

#theatre

[Jon Spooner](#)

#science

Let's Play Astronauts: Space and the Stage

#space

How does an actor and theatre director come to be working for NASA and watching a space rocket launch into orbit? Jon Spooner explores how his theatre company have worked with space agencies the world over in promoting science and firing the imaginations of young people.

*Jon Spooner is the Artistic Director of Unlimited Theatre, an award-winning theatre company, company in residence at The West Yorkshire Playhouse and performing in theatres all around the world.*

[Unlimited.org.uk](http://Unlimited.org.uk)

26<sup>th</sup> November

#physics

Mike Evans

#maths

The Light-Speed Barrier

#space

#Einstein

Three years ago, scientists at CERN made international headlines when they claimed that during an experiment they had discovered particles travelling faster than the speed of light. This confounded decades of certainty in one of Einstein's key conclusions. Mike Evans explores the light-speed barrier and how it works, and whether or not we need to adjust our beliefs.

*Dr Mike Evans is Professor of Applied Mathematics at The University of Leeds. He writes for BBC Sky at Night Magazine and is a blogger for The Institute of Physics and speaks regularly in public talks.*

*Physicsbloke.com*

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7<sup>th</sup> January

#travel

Helen Davies

#Africa

Wanderlust!

#exploring

At a crossroads in her life, Helen Davis decided to give up everything and travel for a year – first stop, Africa! Since then she has turned her passion for travelling into an award-winning blog and writes to inspire and advise other solo women travellers. Having travelled across the world, she talks about the opportunities and challenges for global trekkers!

*Heleninwanderlust.co.uk*

14<sup>th</sup> January

#humanrights

Lucy Barnett

#feminism

## Amnesty International: Women's Rights around the World

Amnesty International is the foremost world organisation advocating for global human rights. One such right is the ability of the individual to make decisions about their own health, body and sexual life. For millions of women around the world, this is not yet possible. Coupled with the fear of violence and the denial of access to education, women around the world still face a struggle just to secure basic rights. Lucy Barnett outlines AI's vital work.

*Lucy Barnett is a campaigner for Amnesty International.*

[www.claireyoung.co.uk](http://www.claireyoung.co.uk)

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21<sup>st</sup> January

#mathematics

Kevin Houston

#milliondollarprize

## Win a Million Dollars with Mathematics

#betteroddsthanthelottery

A million dollars is on offer for each of six mathematical problems. It used to be seven but one of them was solved (the prize was, curiously, refused). In this talk, Kevin Houston looks at some of the problems which cover subjects such as computers, fluids and prime numbers. Audience participation is involved, so you never know your luck!

*Kevin Houston is Senior Lecture in Pure Mathematics at The University of Leeds. His best selling book How to Think Like a Mathematician is a guide to all those thinking about degree mathematics.*

28<sup>th</sup> January

#environment

Madeline Shann

#food

Friends of the Earth:

#sustainability

Humanity is in danger of exhausting key natural resources that we think of as renewable – chief among them our food and water. That's why Friends of the Earth is working to change the way we produce and consume our food and fresh water. Madeline Shann explains about the work of Friends of the Earth in working with agriculture, supermarkets and consumers in order to create sustainable food sources.

*Madeline Shann is a campaigner for Friends of the Earth.*

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4<sup>th</sup> February

#physics

Lorna Dougan

#biology

Using Physics to Understand Life in Extreme Environments

Extremophiles are organisms that can survive and thrive under extreme environmental conditions. From the ice-caps of the poles to the high salt concentration of the Dead Sea. How have they adapted to survive? Can we learn from their survival strategies? This talk gives an introduction to the wonderful world of extremophiles and highlights the role that physics is playing in uncovering the molecular mechanisms of extremophile survival.

*Dr Lorna Dougan is Associate Professor of Physics at The University of Leeds and Group Leader of the Dougan Group.*

11<sup>th</sup> February

#psychology

[Amanda Waterman](#)

#childdevelopment

The Three Hardest Words to Say: I Don't Know

#bluffing

Why is it that we are so afraid to admit ignorance? Often, when placed on the spot, we can launch into an elaborate bluff rather than simply admit we don't have the answers. This is especially true of children. Amanda Waterman's research explores children's fascinating responses to nonsensical questions and in this talk she explores some of the psychology behind it.

*Dr Amanda Waterman is a developmental psychologist at The University of Leeds. She is a contributor to Freakonomics Radio podcast.*

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25<sup>th</sup> February

#art

[Governor's Panel and The Head Girl](#)

#crimeandpunishment

Any Questions?

#creativity

#politics

Last year, Head Girl Phoebe Crossland more than held her own on a panel of Governors with a great deal more experience. Following its success, Any Questions returns this year with another chance for students to submit questions and engage in debate over a range of topical issues.

*John McLeod, Rachel Hannan, Malcolm Golightly, George Holmes*

4<sup>th</sup> March

#medicine

[Alison Cairns](#)

#biology

Pathology: An Insider's View

Arguably the most intellectually challenging and stimulating branch of medicine, pathology is vital in the search for greater understanding of diseases and how they work. Alison Cairns gives an overview of her work and the role it plays in the overall health system.

*Dr Alison Cairns is Consultant in Histopathology at Leeds Teaching Hospitals.*

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11<sup>th</sup> March

#bigdata

[Helen Kennedy](#)

#twittersphere

Social Media: What Should Concern Us?

#privacy

Every second 6,000 Tweets are tweeted on Twitter public – almost 500 million per day. Such large numbers are one example of how much data is generated by social media. Marketing companies, corporations and even governments are keen to mine this data for social trends – but what are the hazards and the possibilities? Helen Kennedy presents some of her research.

*Dr Helen Kennedy is Senior Lecturer in New Media at The School of Media and Communication, The University of Leeds.*

## **GUIDANCE FOR STUDENTS**

Please look over the brochure carefully in order to make your choices. The hashtags and description will give you an indication of the ideas being discussed. All talks should be accessible regardless of whether or not you have any background in the topic.

Try to be open-minded about which talks would interest you. The talks are not necessarily designed to help you with your chosen A-Level subjects but to introduce you to new ideas and issues, and to encourage you to develop an intellectual curiosity about all things.

## **MAKING YOUR CHOICES**

You can attend as many talks as you wish. You are encouraged to make the most of the opportunities provided in the programme.

You are required to attend a **minimum** of six lectures: at least **three** in the first session and at least three in the second session.

When you have decided on the talks you wish to attend, please make a note of the date in your diary and make every effort to attend. A register will be taken. Return the form with your name and choices to the main office.

## **EXEMPTIONS**

Those students attending CSLA course do not have to attend talks on the days when they have course commitments, but they should make efforts to ensure that they attend lectures where they do not have training.

Students taking Further Mathematics on Wednesdays are not required to attend. Where students have music lessons, they should make efforts to rearrange their lessons where possible on those days they are attending talks.

## **FURTHER ENQUIRIES**

All other enquiries should be addressed to the Learning Enrichment Co-ordinator  
Steve Besford [sbesford@wghsss.org.uk](mailto:sbesford@wghsss.org.uk)

NAME: \_\_\_\_\_

	DATE	SPEAKER	PLEASE TICK YOUR CHOICES (min 3 per session)
<b>SESSION ONE</b>	<b>17 Sep</b>	Freddy Naftel	
	<b>24 Sep</b>	Rachel Kelly	
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