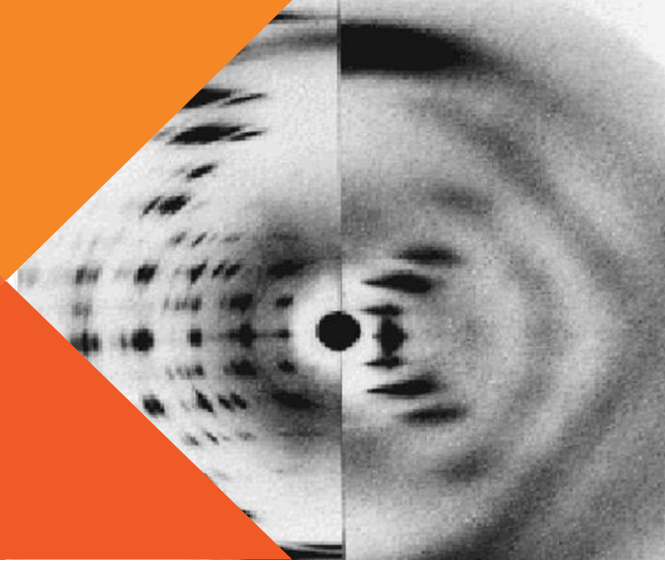


Developing a new approach to genetics and epigenetics

Tuesday 20 March 2018

The Wellcome Collection, London



Bring the teaching of genetics and epigenetics to life

- Gain confidence teaching epistasis on the KS5 curriculum
- Explore new research into human genetics and how it affects our characteristics
- Evaluate approaches to solving genetics problems in line with exam requirements
- Delve into mathematical approaches to statistical testing in genetics
- Consider the ethical implications of genetic advances
- Develop methods to improve analytical skills and for teaching pedigree chart analysis
- Discover how the Wellcome Trust can support your teaching

Sessions include:

Lectures:

Professor John Bryant, Professor Emeritus of Cell and Molecular Biology, University of Exeter

Teacher-led workshops:

Exploring inheritance patterns

Epistasis, statistics and population genetics

This day is for you if:

- You would like to develop a deeper understanding of human genetics
- You want to bring your genetics teaching to life in your classroom
- You would like to explore the historical context of modern genetics
- You want to gain examples and techniques to apply to this topic and others

Prices (subject to VAT at 20%):

£195 + VAT (Schools Programme members)

£295 + VAT (non-members)

£145 + VAT (further places from the same department)

events@princes-ti.org.uk | 020 3174 1235



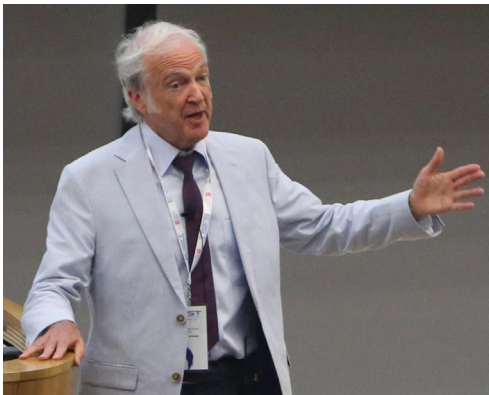
THE PRINCE'S
TEACHING
INSTITUTE

Inspirational professional development
for teachers and school leaders

www.princes-ti.org.uk/events

Speakers

Putting you in touch with up-to-date subject knowledge



Professor John Bryant is currently Professor Emeritus of Cell and Molecular Biology at the University of Exeter. He is a Past-President of the Society for Experimental Biology and a former Chair of Christians in Science. Since 2002 he has been co-adviser on Bioethics to the Higher Education Academy. He is well-known as a speaker, writer and broadcaster on science, bioethics and science and religion.

Teacher Leader

All of our days are developed and led by practising teachers

David Duncker-Brown is Assistant Headteacher at the Ecclesbourne School, one of the most successful non-selective state schools in the country. He believes that scientific literacy is imperative in today's world and that high quality practical work is essential in science education. Prior to this David worked at other schools in London and Derbyshire in a number of different roles within including Director of Science. He has taught for 12 years within the state sector.

“The day was informative and thought provoking, with up-to-date science to take back to colleagues and students.”

- Rob Plested, Stewards Academy | Science CPD Day participant 2016



About The Prince's Teaching Institute

We know that for every student in every school, every teacher matters.

The PTI is a charity run by teachers, for teachers. We re-engage teachers with their specialist subjects, inspiring them to bring enthusiasm into class and raise the aspirations of their students.

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