

ESON offers a range of programs to aid and support teachers in their science teaching.

Resource Kits

Our resource kits are available to all teachers in the greater Edmonton area. These kits are curriculum based and are designed to help bring a hands-on aspect to the classroom.

Scientist in the Classroom

Our volunteers provide fun, interactive presentations to thousands of students yearly. They add depth to the curriculum, give real life examples and stimulate student thinking.

Ask a Scientist

This service is for teachers and students alike. If you have a what, why or how question about Science, this is the area for you.

For more details see our website at www.sciencehotline.ca

Edmonton Science Outreach Network thanks its supporters and partners without whom these programs would not be possible.



Edmonton Science Outreach Network
c/o Katherine Therrien School, 15040 118 Street
Edmonton, Alberta, T5X 1Y7

Phone: (780) 448-0055
Email: esons@telus.net
www.sciencehotline.ca



Teacher Workshop

Junior High and High School

DNA Testing

Thursday 15 October 2009

4.00 – 6.00pm

At the University of Alberta

Cost: \$15

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Workshop Details

What, when and where

- DNA fingerprinting for Junior and Senior High
- October 15 4-6pm
- University of Alberta

Who

Zenobia Ali of University of Calgary

Virginie Martin of University of Alberta

Both represent the Alberta Heritage Foundation for Medical Research

Outline of Workshop

This is a hands on, engaging session led by experts from the Alberta Heritage Foundation for Medical Research. They will give real ideas and solutions for teaching students about DNA, and you will experience practical techniques for teaching this exciting area of science.

You are working in a forensic lab and have isolated DNA from a drop of blood left behind by the culprit at the scene of a crime. Only seven people had access to the crime site at the time it occurred. All are suspects! DNA samples have been obtained from each of these possible villains. Your task is to carry out a "DNA fingerprint" test to try to determine which suspect matches the DNA sample recovered at the crime scene. It is your job to find out WhoDunnit!

Further information

Coffee and cakes will be provided

All participants will receive:

- Handouts to support the presentations
- A sample of Electrophoresis DNA Stain Concentrate
- A certificate of Completion for your professional portfolio

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Booking Form

Name of workshop _____

Name: _____

School: _____

School address: _____

City: _____

Postal Code: _____

Phone number: _____

Email: _____

School Board: _____

Is this your first year of teaching? Yes No

Please send this form and cheque made payable to **Edmonton Science Outreach Network** to:

ESON, C/O Katherine Therrien school, 15040 118 Street,
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Your place will be confirmed once we receive your cheque

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