

LENScience Senior Biology Seminar Series

Teacher Update Number 5 – 27th May, 2010

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Welcome to Seminar 3, Week 3 of the LENScience Senior Biology Seminar Programme.

This week you should be running in-school workshops on the post seminar questions.

Welcome to new schools

Welcome to Logan Park High School and Otago Girls' High School who've just joined us in the seminar series.

Seminar 3: What's happening this week?

This week most of you are holding your in-school workshops to discuss the [post-seminar Challenge questions](#). The value of the challenges comes from the discussion about the question, students' ideas about the question and how these relate to the work of the scientists. But as we all well know, many students prefer to sit silently in these types of activities and wait for someone else to suggest an answer – this is not the best way for the students to learn. So please encourage your students to contribute their ideas to the wiki – the more they contribute the more they will gain from the discussion.

There seems to be a bit of a competition going between Himanshu from Dilworth School and Richard from Sacred Heart in the answers to the challenge questions. If you haven't seen their answers go and have a look on the discussion pages. I set a challenge to other students to not let these two dominate and it was great to see Ming from Wellington Girls' College respond.

The name of the winner of the best question for Seminar 3 can be found in [Student Update #5](#).

Essay Competition: Animal-based research in New Zealand. Where to from here?

The National Animal Ethics Advisory Committee (NAEAC) is running an essay competition for senior science students about the use of animals in research. The prize is a \$500 voucher.



In the essay students need to provide an overview of animal-based research in New Zealand, including examples of why animals are used and how their use is regulated and controlled, different views about the use of animals in research and their justified opinion on the future of animal-based research in New Zealand. This ties in really well with the second challenge question from Seminar 3 and also could be assessed against AS90714.

For more information see the NAEAC website: <http://www.biosecurity.govt.nz/regs/animal-welfare/nz/naeac>

Tell us about what you are doing.....

We would love to hear about how the seminars are going in your school. We will be posting photos and stories about the seminar events in schools around the country on the wiki. If you send us photos where students can be identified please make sure you have their permission.

A Reminder about Registrations

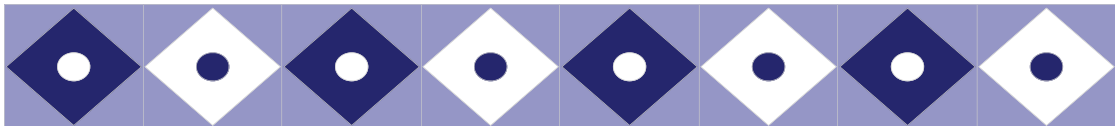
There are a number of different registrations for the LENSscience Senior Biology Seminar Series

1. Students to receive the Student Updates.
2. Seminar chat—to participate in the live chat during the seminars.
3. Wiki username and password—to be able to post questions and answers to the seminar questions and discussion pages.



Links for all the registrations can be found on our registration page:

[http://lens.auckland.ac.nz/index.php/LENSscience Bookings and Registration](http://lens.auckland.ac.nz/index.php/LENSscience_Bookings_and_Registration)



Next Seminar

Date: Thursday 10th June. 3:45pm

Topic: Ancient Secrets in the Seaweed: Climate change and evolution .

Presenters: Professor Hamish Spencer, Dr Ceridwen Fraser, Jacquie Bay



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