

INFORMATION DOCUMENT
Biology Educators' Association of New Zealand (BEANZ)
Research Scholarship 2020



The BEANZ Research Scholarship is available to a practising New Zealand Biology teacher to conduct research into a relevant and current aspect of Biology of national benefit to Year 7 – 13 Biology teachers.

The research findings will be summarised in a written report and presented at a national level science educators' conference. Depending on the research topic chosen, the report may provide material that can form the basis for the annual BEANZ workshop.

Possible topics:

- Using a range of local Biology contexts/issues to develop meaningful science programmes for Year 7 – 11 Science.
- Teaching biology-focussed socio-scientific issues such as: responding to biosecurity threats e.g. pest control; gene editing in health care; building a marina; using GMOs.
- How to effectively incorporate digital technology into Biology programmes.
- Improving Biology teaching through culturally responsive teaching practises.
- Or suggest your own topic.

Who may apply?

Any Biology teacher who:

- Is a specialist Science teacher of years 7 - 13 experienced in teaching Biology classes (includes Head of Department and Intermediate teachers).
- Is a registered teacher in a permanent full or part-time position (at least 0.6 FTE), holding a current Teaching Certificate and employed by the Board of Trustees of a New Zealand school.
- Has taught the New Zealand Curriculum in the Science Learning Area for a minimum of 5 years.
- Will disseminate their research findings and is willing to taking a role in BEANZ, either locally and/or nationally, for the following 2 years (2020 – 2021) with support from BEANZ disseminating the findings from the research.
- Is a New Zealand Citizen, or the holder of a New Zealand Residency permit.
- Is a member of BEANZ (either individually or through their school).
- Current BEANZ exec members may not apply.

The scholarship fund

The Scholarship fund is available as a result of BEANZ receiving Networks of Expertise funding to enable the association to support and improve Biology teaching practice. The focus is on building teacher capability at regional and national levels. The scholarship provides up to \$15000 (incl GST) for your school to cover release time taken over a maximum timeframe of one year and up to \$2000 to cover expenses incurred in carrying out the research.

When can the research project start?

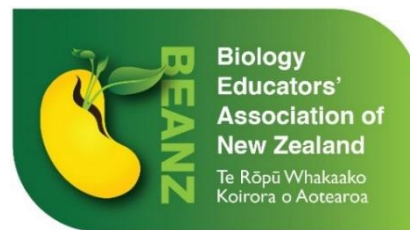
The scholarship can be taken up any time from the commencement of Term 1 2020. The report must be completed by 30 November 2020.

Applications close on 21 June 2019

BEANZ Scholarship Application Form

Parts A, B, C and Declaration should be to be sent together and received by the BEANZ Executive by **21 June 2019**.

Email to: biologynz@gmail.com



Part A: Attach your curriculum vitae covering your academic qualifications and work history. Please give your contact details including: personal address with postcode; personal phone number (cell and/or home); personal email address.

Applicant Teacher Details

Name:	Mrs, Ms, Mr, Dr Preferred Name -
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School Details

School name	
Postal address (include postcode)	
Physical address If different to postal	
School phone	
School email	

School Contacts

	Principal	HOD Science (If applicable)
Name: Include title Mrs, Ms, Mr, Dr.		
Telephone: Work		
Mobile		
Email		

Applicant - other details (Please highlight your answer where required):

Are you either a NZ Citizen, or a holder of a NZ Residency Permit?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Teacher registration number	
Years teaching in New Zealand	
Current teaching position	
Year level/s and subject/s taught (if not in CV)	
Date employment commenced	
Management units	

Full Time or Part time? Highlight one	<input type="checkbox"/> Permanent Full Time <input type="checkbox"/> Permanent Part Time – (at least 0.6 FTE):
Responsibilities.	
Highlights/Achievement you are most proud of.	
Any other work history relevant to this application	
How did you hear about the BEANZ Scholarship?	

Applicant Teacher's Referees

The choice of a referee is important. Referees should be capable of commenting on the Teacher Applicant's **competence and ability to undertake a research and resource preparation role.**

Please provide the names and contact details of **two referees for their written statements and one verbal referee. You are responsible for giving the two written referees the attached Referee Report (Part D). Please ensure referees email these reports (Part D) directly to BEANZ by 21 June 2019.**

The **verbal referee - (your Principal or your HOD)** will be contacted separately, by telephone, for their statement.

Written Referee 1:

Name:	
Position:	
Telephone (work):	(Home/Mobile):
Email:	

Written Referee 2:

Name:	
Position:	
Telephone (work):	(Home/Mobile):
Email:	

Verbal Referee: Normally your Principal/HOD etc. **This person will not supply a written referee statement.**

Name:
Position:

Telephone (work):	(Home/Mobile):
Email:	

Part B: Applicant Response - (To be completed by Teacher applying for the BEANZ Scholarship)

Briefly outline your proposed research topic

**What do you envisage as the possible outputs from the research you undertake?
For example: Teacher support materials; Report; classroom materials ready for use with students?**

Outline why you consider your chosen topic important for New Zealand Biology.

Outline how your research would be useful to Biology teachers over the next 2 - 3 years.

What makes you an ideal recipient for the BEANZ Research Scholarship?

What do you hope to gain from the BEANZ Research Scholarship opportunity?

Personally:

Professionally:

What qualities do you consider yourself to have that will make you an effective researcher?

BUDGET FOR PROPOSED RESEARCH

Teacher Release Costs:

Anticipated Expenses:

(Please provide details of expected expenses relating to your research such as travel, consumables, visits to organizations linked to research, library access)

Projected expenses	Reasons for expenses	Cost

I acknowledge that the information given in the application forms is true and correct.

NAME

SIGNATURE

DATE

Part C: School or Science Department Response

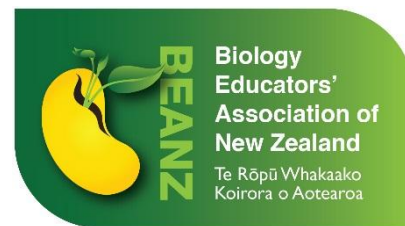
(Ideally this person should be from the senior management team and one of the referees.)

Name of respondent:

Position:

Signature:

Date:



Provide a rationale for supporting your Biology/Science teacher in applying for the BEANZ Research Scholarship in 2020.

Does your school/science department hope to gain from your Biology/Science Teacher applicant as a result of engaging in research with the BEANZ Scholarship?

What is your vision for science/biology at your school?

What qualities does your teacher applicant have that would make them an effective researcher in their chosen aspect of Biology? Give examples

What opportunities will your teacher applicant have to lead aspects of Biology on their return to school?

Declaration – BEANZ Research Scholarship 2020



General

All information given in the application forms is true and correct.

The School and the Teacher Applicant agree to liaise with the BEANZ Executive on any matter relating to this application and the Research Scholarship requirements and funding.

School and Board of Trustees

We, the undersigned, have read this declaration and the BEANZ Research Scholarship 2020 Information document. We understand and support the objectives of the scholarship.

The School agrees to:

- make Biology within the Science Learning Area an area of focus for 12 – 18 months after the Teacher Applicant returns to school. This includes submitting feedback on the impact of the Biology Research within the school or local BEANZ regional network and maintaining BEANZ membership.
- support the Teacher Applicant, on their return to the school to meet the objectives of the Scholarship in delivery of reports and materials presented as required.
- release the Teacher Applicant for up to 4 days over 2021 - 2022 following completion of the research report to support other Biology teachers within the BEANZ Network of Expertise.
- participate in future evaluations of the BEANZ Network of Expertise for the Ministry of Education as part of BEANZ funding obligations

The Board of Trustees agrees to the application being forwarded for consideration and, should the Teacher Applicant be successful, **leave with pay** will be granted. The Board is committed to supporting the Teacher Applicant and the school in the development of Biology in their Science Learning Area.

I, the **Teacher Applicant**, the undersigned:

- have read this declaration and the BEANZ Research Scholarship 2020 information document and understand the objectives of the Scholarship
- have understood the Scholarship requirements and am prepared to commit to my role supporting BEANZ initiatives locally and/or nationally on my return to school
- give my consent to the BEANZ Executive making enquiries and obtaining information that relates to my application and suitability
- give my consent to the BEANZ Executive retaining the information contained in my application for future evaluation purposes.

Principal's Signature	Date
Principal's Name (Please print/type)	

BOT Chair's Signature	Date
BOT Chair's Name (Please print/type)	

Head of Department's Signature	Date
Head of Department's Name (Please print/type)	

Teacher Applicant's Signature	Date
Teacher Applicant's Name (Please print/type)	

To be received by BEANZ Executive by **21 June 2019** electronically as a PDF to biologynz@gmail.com

Part D: Written Referee Report

(Ideally this person should be from the senior management team and one of the referees.)

Name of referee:

Position:

Signature:

Date:



Teacher Applicant's Name (Please print/type)
Your relationship to the Biology/Science Teacher applicant for the BEANZ Scholarship:
How long have you known the teacher applicant?
Comment on the capability of the Biology/Science Teacher applicant to engage in research for the BEANZ Scholarship:
Comment on the qualities of the Teacher Applicant that make them an effective researcher in their chosen aspect of Biology? Give examples
Comment on the suitability of the Teacher Applicant to deliver reports and presentations at conferences/workshops following the BEANZ Research Scholarship in 2020

Please email this report directly to BEANZ by **21 June 2019** at biologynz@gmail.com