

# WESTERN AUSTRALIAN INSTITUTE FOR EDUCATIONAL RESEARCH

THE UNIVERSITY OF WESTERN AUSTRALIA  
CRAWLEY

## SECRETARY'S REPORT, 27 APRIL 1933

Period 27th April, 1932 to 27th April, 1933.

Mr. President, Ladies and Gentlemen,

I have the honour to present the report for the year from the 27th April, 1932 to 27th April, 1933.

Some five meetings of the Executive have been held during the year. During that time several renewed grants were recommended for the consideration of the Council. All of these which were in favour of Miss Hill, Miss Bridge and Mr. Wheeler, were approved. They were made necessary on account of the unexpected increases necessary for typing assistance.

A grant of £25/- was made to Mr. R. Hetherington for an investigation into Drawing. A further grant was made to the Secretary for an investigation into Character Traits in Delinquent and Normal children. The amount of the grant was £120/-, for salary for Miss Grace Clarke, who is conducting the investigation under my direction, @ £30 - £50 expenses. Mr. Van Raalte was granted £30/-, plus £17/- expenses for the purpose of an enquiry into the arithmetic needed in various commercial occupations.

At the meeting held on the 13th April, the Director of Education reported that at the recent Director's Conference held in the East appreciation was expressed of the work of the various State Institutes, and it was decided that they would assist this work as far as possible. A number of reference books have been purchased and are now available for the use of those conducting investigations. They are –

Statistical Methods for students in Education by Karl J. Holzinger  
Tables of the P. E. of co-efficient of correlation as found by the project-moment method by Karl J. Holzinger  
Introduction to the Theory of Statistics by G. U. Yule  
An Interpretation of the Educational Measurements by Kelly  
How to Measure in Education by McCall  
Statistical Tables for students in Education and Psychology  
Statistical Methods in Educational Measurements by K. S. Otis

Of the researches in progress one, Mr. Wheeler's – into the question of the prevention of error as a teaching device – has been completed and will be forwarded shortly, when certain alterations have been made, to the Council. This has been an interesting piece of work and should be of value to teachers generally.

Miss Bridge's investigation into the efficacy of definite methods of revision has been conducted, and she is at present engaged in the statistical analysis of her results. This should be completed in the course of a couple of months.

Miss Hill's work which is an investigation into the possibility of training certain type of reasoning has also reached the stage of statistical analysis, and we are at present eagerly

awaiting her results. Her conclusions on this very interesting piece of work ought to throw light both on educational problems and on the more fundamental questions relating to reasoning ability.

Miss Grace Clarke is at present constructing tests to measure perseveration with a view to investigating some fundamental problems of character.

Mr. Van Raalte is now actively engaged in collecting evidence from business people to assist him in drawing his conclusions with regard to the arithmetic that should be taught in schools.

Mr. K. Bilston has also been active in enquiring into the absorptive capacity of industry. He has been acting in the capacity of Secretary to a sub-committee, which was appointed by Convocation of this University, to investigate this question. Unfortunately he has recently been appointed to a position outside the State, but the research will be continued by your committee.

The research to investigate the effect of the cinema is still in progress; the questionnaire forms have been collected and are being analysed now under the direction of Professor Cameron.

The committee regret that owing to her leaving the State, the services of Miss R. Thomas are no longer available to us. Dr. A. Buntine has been nominated in her place.

On the 4th April, Mr. Tate and Dr. Cunningham were entertained by your committee during the stay of their boat in port, and they gave an interesting account of some of their observations abroad. It is hoped that in the not distant future, we shall be able to persuade one of them to visit Western Australia and to tell us in more detail the results of their investigations.

The year has been, as you have gathered from the report of the investigations mentioned above, one of steady progress. This has been made possible through the hearty co-operation of a number of people. To the Director of Education who has never refused his permission for research workers to enter the state schools, and to those teachers who have co-operated so unselfishly in the work of the Institute, we should like to express our very sincere thanks. Work of this kind cannot be accomplished without this gratuitous assistance and your committee wish me to express their kind appreciation of the assistance rendered them on all sides.

Yours faithfully,

[Signed H.L. Fowler, Hon. Secretary]

WEST AUSTRALIAN INSTITUTE FOR EDUCATIONAL RESEARCH

STATEMENT OF RECEIPTS AND PAYMENTS

From 23rd April 1932 to 13th April 1933

Receipts		Payments	
Balances brought forward		Reference Books	£7.12.2
Commonwealth Bank	£35.12.0	Circulars, typing, etc.	£3.6.10
Petty Cash	17.3	Postages	£2.11.9.
	<u>£36.9.3</u>	General Expenses	£1.1.5.
Grants from Central Council:		Cinema Research:	
For Current Expenses	£20.0.0	Stationery, Postage, etc.	£25.9.7.
For Cinema Research	£50.0.0	Assistance	£10.0.0.
For Inquiry into the		Payment for Arithmetical	
Absorptive Capacity of		Research, refunded as per	
Industry as regards to		contra	£5.0.0.
employment of graduates	£30.0.0 100.0.0	Balances at 20 April 1933:	
Refund by Professor Cameron		Commonwealth Bank	£84.5.3.
of payment for		Petty Cash	£2.2.3.
Arithmetical Research	5.0.0		<u>£141.9.3</u>
	<u>£141.9.3</u>		

I certify that I have compared the above statement with the books and accounts of the Western Australian Institute for Educational Research and have found it to agree therewith. All items of expenditure except postages have been satisfactorily verified. A statement from the Commonwealth Bank has been produced in verification of the bank balance.

[Signed A. P. ??]