

4/11/15  
The Advertiser  
Dec 2<sup>nd</sup> 15

Mh. L. A. Gt. Tg. P. St. Peter's Collegiate School; Smith, Kenneth William Alvern, Exx. Gt. A. A. Gt. Pe. Cn. Prince Alfred College; Smith, Dorothy Alfreda, Exx. Mh. Lx. Gt. A. Gt. Pg. Methodist Ladies' College, Waville; Solomon, Isaac Barney, Eg. Lx. Gn. A. A. Tg. Norwood District High School; Somerville, Archibald Shierlaw Ralph, L. A. A. Gt. Tg. Pe. St. Peter's Collegiate School; Southcott, Jean Wauchope, Eg. Mhx. L. Gn. A. A. Gt. Tg. Btz. Adelaide High School; Speck, Albert Edward, Eg. L. A. A. Gt. Tg. Port Pirie District High School; Stratton, Gordon Roy, Eg. Gn. A. A. Gt. Tg. Pe. C. Adelaide High School; Steele, James Strathearn, Eg. Mh. L. Tg. Pe. Adelaide High School; Stevens, Edgar Loveday, Eg. L. Gn. A. A. Gt. Tg. Pex. Adelaide High School; Storer, Robert Vivian, Eg. Mh. L. Gn. A. A. Gt. Pe. Cn. Prince Alfred College; Story, Eric Edward, L. Gn. A. A. Gt. C. Prince Alfred College; Stratman, Carl, Mh. Gn. A. A. Gt. C. St. Peter's Collegiate School; Sumner, Clyde Robert, Eg. Mh. L. A. A. Gt. Tg. Pe. Petersburg District High School; Sumner, Donald James Robert, Exx. Lx. Gn. A. A. Gt. Tg. Pe. C. Adelaide High School; Swann, Eric John, Eg. Gn. A. A. Gt. Pe. C. Prince Alfred College; Symonds, Wybert Milton Gust, Eg. Mh. A. A. Gt. Tg. Adelaide High School.

Terrill, Frederick Edward, Gn. A. A. Gt. Pe. C. Prince Alfred College; Tillemann, Lucie Ottine, Eg. Mh. Pl. Bt. Pg. Miss Martin's School; Timeke, Philip Geoffrey, L. Gn. A. A. Gt. Tg. Pex. Norwood District High School; Tixer, Emma Isabel, Eg. Mh. A. A. Gt. Tg. Pe. D. Adelaide High School; Tonkin, William Richards, Mh. L. F. A. A. Gt. Pe. St. Peter's Collegiate School; Townshead, Herbert Louis, Eg. Mh. A. A. Gt. Tg. Pe. Adelaide High School; Tucker, Ellen May, Eg. A. A. Gt. Tg. D. Adelaide High School; Tymons, Catherine Honora, Eg. Mhx. A. A. Gt. Pg. Jamestown District High School.

Urtle, Marjorie Meadows, Eg. Mh. L. A. A. Gt. Tg. Pr. Unley District High School.

Walt, Marjorie Lucy, Eg. Mh. Gk. L. Ex. Gn. Miss Martin's School; Walker, Robelle, Mh. L. A. A. Tg. Pe. Adelaide High School; Wallace, Arnout Alexander, Eg. Mh. L. A. A. Gt. Tg. C. Narracoorte District High School; Ward, Kevin, Leonard, Eg. A. A. Gt. Tg. Pe. Adelaide High School; Wauchope, Andrew Gilbert, Eg. L. Gn. A. A. Gt. Tg. Pe. Norwood District High School; Welch, Arthur Sydney James Walter, Eg. L. Gn. A. A. Gt. Tg. Pe. Adelaide High School; White, Alan Herbert, A. A. Gt. Tg. C. Pl. Prince Alfred College; Wieneke, Wilhelm Edwin, Ex. Mh. Gnx. A. A. Gt. Tg. Pex. Immanuel College, Point Pass; Wootton, Alvera Mary, Eg. Mh. F. Pl. Pg. Leighton Public School.

## II.—List of Candidates Who have Passed in Less Than Five Subjects.—

Adams, Dorothy, L. Pl; Alcock, Lucy Ella, A. A; Altus, Rudolph Hermann, Gnx. Pg; Anderson, Marjory, Gk; Angus, Harold Ernest, Gk, L.

Ballinger, Claude Joseph, L; Bartori, Ian Campbell, Gn. A. A. Gt; Basley, Mary Valerie, A. A. Tg; Baitye, Florence May, Mh; Beauchamp, Gullelma Blanche, Mh, L, Gt, D; Begg, Percy Raymond, L; Billing, Horace Lionel, Exx. Mh, Pg; Birch, Hugh McIntyre, Eg; Blacksey, William, A. A, Pe, C; Biles, Arthur Bromley, Mh; Borthwick, Thomas Keith, C; Bowring, Herbert Lincoln, D; Bowering, Jack, A. A, Gt, Tg; Breheny, Peter, Mh; Brown, Francis Roy, A. A, Tg, Pe; Bunday, Eric William, A. A; Buring, Franz Maurice, A. A, C; Bernard, David Alexander, Eg, A. A, Pg.

Cameron, Thomas Murray Gibbs, Mh; Campbell, Archibald Hector, Eg, A. A, Gt, Tg; Capser, Doris Effie, Mh, Pl; Carter, Ida Jane, Gk; Cartledge, Jack Pickering, L; Catt, Agnes Frances, Mh, Pg; Cattle, Milton Claude, Pl; Chance, Sydney Howard, Pex; Chappel, Phyllis Harvey, L, Gt, Tg; Chesterfield, Charles Albert, D; Clark, Clarence Leslie, A. A; Clark, William Bruce, Gt; Clarke, Rupert Charles, Tg; Colley, Arthur Edmund, Mh, Pe; Collins, Blanche Evelyn, Pl, Bt; Collyer, Annie Jane, A. A, Gt; Coombe, Alec Holloway, L; Cope, Olive Annette, L; Coulter, Alwyn Rex, Eg; Cowling, Lionel Deucalio, Pe, Cx; Cox, Charles Wyde, Mh, A. A, Tg, Pe; Cox, Edith Gertrude, Gt; Crewe, Edwin Fletcher, Eg, A. A; Curran, Walter Laurence, Mh, L, A. A, Tg.

Dart, Henry John, Pg; Davey, Constance Muriel, Gk; Davies, Edward Walford, A. A, Gt, Tg; Davis, Francis Moseley, Pe; Davis, Joy Maud, C; Day, Keith Vernon, L; Devonshire, Roy Vivian, L; Dinning, Alfred Ernest, Gk; Doherty, John Patrick, Mh; Dohler, Karl Adolph Gerhard, Mh, Gnx; Dorsch, Carl Emil, A. A; Dougherty, Mary Francesca, A. A; Dunn, Muriel Emma Elizabeth, Eg, Mh, F, Gt; Dvorak, Nancy Jean Vaughan, Mh.

Edlington, Alfred Robert, D; Edwards, Coral Geraldyn, Eg; Elford, Ellen, Eg, A. A, Gt; Ellery, Reginald Spencer, Eg, L; Ellis, Beta May, Eg, Mh, L, F.

Farrant, Joe, Pe, C; Finer, Mary Shuttleworth, Eg, Mhx, Bt; Fisk, Harold Leslie, Tg; Fitzgerald, Hilda, Eg, Mh, Pg; Florey, Howard Walter, Eg; Ford, Raymond William, Eg, Gt, Pe; Fox, Robert Owen, A. A, Gt, Pe; Fuller, George Rayner, Eg.

Gallahue, Thekla Ella, Eg, Mh; Gault, Maude Isabel Ogilvie, Gk; Gent, Hazel Marjorie, L, D; Gent, Noel Duizat, A. A, Gt, Tg; George, Charles Theodore Thomas, A. A, Gt, Tg; Gerlach, Edwin Gerhard, Mh, A. A; Gibbison, Howard Courtney, Mh; Gibson, Reginald Mendel, L, F, Gt; Gilbert, Duncan Thomas, L, A. A, Gt; Gillian, William, Gv; Gillman, Joseph Fisher, Mh, L, F, A. A; Gillman, Marjorie Hill Marshall, Eg; Godwin, Margery Rebecca, Gk; Goodhart, David Wolde, Mh; Goodman, Cyril William, D; Gray, Ellen Emily, Mh, A. A, Gt, L; Greenwood, Elizabeth Maud, Mh, Gt, D; Greenwood, Ethel Hilda, L, A. A, Gt; Gregerson, Gerald Jenkin, Eg, Mh, A. A, Pe; Gunnar, Douglas Charles, L, A. A; Guerin, Robert, A. A, Gt, Tg.

Haggard, Vincent, Gt, Pc; Hall, Frederick  
Winaloc, Mh, L, F; Iand, Jeffery William, L,  
AA, Tg, Cx; Harding, Ernest Albert Walter, AA,  
Gt, D; Harford, Basil Beverley, Eg, Mh, Gt;  
Harris, George David, Eg, L; Haskard, Gordon  
Lindsay, D; Hawken, Doris Marguerite, Gkx;  
Hay, Doreen, Eg; Hay, Spencer George Stephen-  
son, Lx, Tg; Hennessy, Arthur Harry, Eg, F,  
AA; Henric, Mignon, Eg, AA, D; Herbert, Mar-  
jory Joyce, Mh, L, AA, Tg; Herriot, George,  
AA, Gt, C; Hewitt, Cecil Austin, Mh, F, Gt;  
Hills, Glen Roy, Eg, Mh, Pc, Ox; Hocking,  
Angus Robert Clarence, AA, Gt, Pc; Hodge, Gean  
Dawn, Eg, Ah, Pl; Hogan, Clement,  
Eg, Mh, Tg, Pg; Hooper, Laurel  
Ferdson, Eg, Mh, L, Gt; Horan, Thomas  
Patrick, F; Horrocks, John Almsworth, Pl;  
Howard, Geoffrey Hardman, L, AA, Pex, C;  
Hughes, Alfred Lester, Eg, Mh, AA, Tg; Hunt,  
Margaret Mary, Eg, Gt, Pc; Hyde, Annie O'Hal-  
loran, Gt; Hylton, Rex, AA, Pc.

Leonstein, Abraham, Gn, AA, Tg.

Jackman, Herbert Montefiore, Gt; Jackson,  
Muriel Charlotte, L; James, Cecilia, D; James,  
Vera May, Eg; Jolly, Robert Leslie, Eg, Gt, Tg;  
Johnston, Benjamin George, Gt; Johnston, Frances  
Edleen, Eg, Mh; Jones, Marjorie Olive, Eg, Mh;  
Jose, Gilbert Edgar, Eg.

Kain, John Michael, Mh, L, AA, Tg; Kearney,  
Beasley James William, Eg, Mh; Kelly, Brigid  
Mary, Eg, Mh, L, Pl; Kelly, Robert Maxwell, Eg,  
L, Gn; Kessell, Stephen Lackey, Gn; Kinnaird,  
Alexander Ross, Eg, AA, Pg; Kleeman, Florence  
Winifred, Eg, Mh, Gt, Tg; Kloeden, Friedrich  
Emil, Gt; Klose, Alfred Emil Johannes, Lx;  
Kneese, Alexander Theodor, AA, Pex, C; Korff,  
Adrian, Eg, Mh, F; Ksohenka, Ernest William,  
Mh, Pc.

Lamphee, Allan Dunstan, F, AA; Larwood, Lind-  
say Laurel, AA, Pl, Pg; Laurie, Robin Maitland  
Buxton, Mh, Pc, C; Leditschke, Friedrich Bert-  
hold, Mh, Gn, Gt; Lee, Ralph Sampson, Eg, Mh,  
Gt; Leslie, Jean, Tgx; Lewis, Catherine Alma,  
Eg, F; Lewis, Marjorie Hope, L; Livingston,  
Frank William Eg, Mh, Gt, C; Long, Madallene  
Hilda, Eg; Lord, James Sarre, Tg; Luke, Claude  
Carlyle, Eg, Mh, Tg, Pc.

McCormick, John Murdock, Mh; McDonald, Gil-  
bert Sherman, Eg, Mh, Pg; Mackie, Marjorie  
Glenorchy, Eg; Mackie, Mary Grace, Egx, L;  
Maclaren, Peter Patrick, Gk; McLean, Donald  
Robert, L, Gt, Tg; McMahon, Ellen Elizabeth,  
Egx, Mh, Pg; Macmillan, Ronald Kennedy, Mh;  
McRostie, Ella Kate, Gk; Maddigan, Thomas  
Augustine, D; Mahon, William James, Mh, Gt,  
Tg, Pc; Major, Eric Latimer, Pg; March, Mar-  
garet Ferrer, L; Mather, Margaret Winifred, Eg,  
L; Mazure, Emile Edward, F, Pc; Mazzarol, Victor  
Joseph, Pc, Pg; Meseent, Keith Santo, L, Gt,  
Tg, C; Michell, John Elsome, Mh, Gn, AA, Tg;  
Millar Dorothy Rae, Eg, F, Gt, Tg; Millerd, Daisy  
May, AA, Gt, Tg; Mills, May, Eg, Pg; Moroney,  
Clement Joseph AA, Gt, Tg, Pc; Morris, Audrey,  
Ah, Gt, Bt; Moten, Elsie May, Eg; Muller, Winni-  
fred Florence, D; Murn, Alan John, D; Murphy,  
Hannah Margaret, Eg, Mh; Murray, Jean Hendry,  
Eg, L, Gt, Pc; Murray, Rita Madge, Eg, L,  
Gtx, Tg.

Nadebaum, John Alan, D; Naylor Rupert Leslie,  
L; Neale, Alfred Herbert, Pc; Neate, Pauline  
Somers, D; Newbold, Menelaus, Gn, AA, Pc, C;  
Newman, Kathleen Mary, Gk; Newman, Ralph  
Frederic, Pg; Newman, William Gerald, Gt, Tg;  
Nield, Mabel Annie, Eg, Mh, Gk; Ninnis,  
Laurence, Eg, Pc; Nobes, Edith Dorothy, AA;  
Noblett, Hedley Lindsay, L; Nofke, Edward  
Arthur, Pg; Norman, Doris Teresa, Eg.

O'Brien, William, AA, C; O'Donnell, John  
Andrew, F; O'Loughlin, Gertrude, L; O'Neill,  
Hugh, AA; Othams, Herbert Reginald, Eg, AAx/

Padget, Dora Jane, Lx Tg; Padman Marsden  
Waterhouse, Pc; Page, Eileen Rooke, Eg, Mh, F,  
Eleanor Ann, Tg; Parsons, Edward

Clarence, L; Parsons, Rex Whaddon, Eg, Gn;  
Pearman, Reginald Henry, Eg, Ah; Pellew, Elliot  
Lin, Mh, L, Tg, Pc; Pellew, Lance-  
lot Vivian, L, F, AA; Penrose, Alva Ivo,  
Mh, Tg, Pc; Pflaum, Leonard Haddon, AA, Gt;  
Pick, James Henry, Gt, Pg; Plunket, Violet, Bt;  
Pobjoy, Alice Blake, Gk; Polden, Leslie James,  
Gt; Polglase, John Henry, Eg, Mh, L; Pool,  
Vinton Allen, Mh, AA, Gt, Pc; Poole, Gilbert  
Graham, D; Pope, Eric William, Pg; Pope, Hugh  
Gilmore, Pg; Prater, Dorothy Rita, Gt, D;  
Priest, Henry Gordon, AA, Gtx, C; Radcliffe,  
John Dudley, Mh, AA, Gtx, Tg; Ratazzi, Leo  
Ludwig, L, F, Gnx; Raymond, Eva Adelaide,  
Eg, Mh, L; Reed, Berlinda Clare, Mh, D; Rice,  
Patrick Edward, Eg, Mh; Riddell, Millicent Ger-  
trude, Eg, Mh, L; Roach, Kenneth Douglas, AA,  
Gt; Robertson, Douglas Emerson, AA, Gt; Ro-  
bertson, Gordon Clough, AA; Robinson, Clifford  
Canning, Mh, Gt, C; Robinson, Eileen Dofia,  
AA; Robinson, Eric Alfred, L, AA, Tg; Robinson,  
Sarah Constance Mabel, L; Rodgers, Frances  
Ada, Tg; Rodley, Harold Roy Ernest, D; Roenn-  
feldt, Clifford Otto, Gt, Pg; Rowe, Doris Adela,  
Eg, Mhx, Gt, Pg; Rowe, Edna May Ellen, Eg,  
F, Gt, Bt; Rowley, Doreen, Eg, Mh, F, Bt;  
Russell, Jessie Elizabeth, Eg, Mh, Gt.

Samuel, Malcolm Vindin, AA, Gt, Pc; San-  
dery, Charles Arthur, Eg, Mh, Gt, Pc; Sar-  
geant, Vere, Eg, Mh, Gt; Schomburgk, Richard  
Henry, Mh, Gt, Pc, C; Schwartzkopf, Benjamin  
Bernhard, Pg; Seovell, Ethel, Eg, Mh, Gt, Tg;  
Scryngour, Kathleen Stirling, Mhx; Sibley,  
Aubrey Nicholls, L, AA; Sinclair, James Hugh,  
AA; Smerdon, Albert Rutherford, Eg,  
F; Smith, Annie Elizabeth Emery, Eg;  
Smith, Irene Ramsay, Eg, F, Gt;  
Smith, John Fife, Eg, Mh, Pg, D; Souter, Lillian  
Ann, Gt; Sparrow, Cyril Keith, Eg, Mh, L, Gt;  
Stanton, Annie, Eg, Mh; Stratton, Arthur Knight,  
D; Stone, Pythinia, AA, Gt, Tg, Pc; Stratton,  
Edith May, Eg, Mh, L, Gt; Sutton, Eric Erskine,  
AA, Gt

Tapp, Adrian Lynda, Pg; Tassie, Thomas Wil-  
son, Eg, Gn; Taylor, Robert Beavis, Eg, AA,  
Gt, Tg; Teagle, Fanny, Eg, Mh, Gt, D; Thomas,  
Elvira Beatrice, Mh, L; Thiemann, Herbert, Mh,  
L, Gn; Tiver, Rena May, Eg, Mh, Gt; Tolley,  
Lloyd, Mh, Tg; Tzannes, John Leo, Eg, Mh, Gt;

Trebilcock, Lancelot Eric, D; Treloar, Friesa  
 Annie Lydia Marie, Mh, Tg; Trenerry, Frank Irving, Gt, D; Trigg, Reginald Gordon, AA, G, Pc; Tuckfield, Hope Gladys, AA, Gt, Tg, Bt; Tulloch, John Angus, Eg, AA, Gt, Tg.  
 Vawser, Jack Alfred, Eg, L, Gt, C; Verco, Claude Maythorn, Gk; Verrall, Doris Blanche, Eg, AA, Gt, Tg; Vickers, Jack Lindsay, Eg, Gn, Gt, Pc.  
 Ward, Harry Lancelot, Gkx; Warren, Sidney Lilla, AA; Watt, Thelma Jean, Eg, Mh, Gt; West, Avis Ellie Meyer, L, Gt, Tg; White, Isabelle Mary, Eg, Mh; White, Ross Andrews, AA, Gt, Tgx; White, Wilfred Neil, Mh; Williams, Norman Leonard, Eg, Mh, Gt, Pc; Williams, Stella, AA, Bt; Williamson, James Aubrey, Eg, Mh; Wilton, Frederick, Tg; Winnall, John, Mh, AA, Gt, Pc; Wood, Alison Mary, Eg, Bt; Wood, Andrew James Rose, Pc; Woods, Ada Jean, AAx, D; Wreford, Charles Hetherington, Gn, Gt, Pc.  
 Young, Ida Ethel, Pg.  
 Zadow, Herbert Otto, Gn, Gt.

*Advertiser Dec. 23*

## SCIENCE AND INDUSTRY

### FEDERAL GOVERNMENT'S OFFER

### FINANCIAL AID FOR RESEARCH

Melbourne, December 22.

An interesting announcement was made by the Prime Minister (Mr. Hughes) today at the farewell luncheon tendered him by the Professorial Board of the Melbourne University that the Federal Government were prepared to spend up to £500,000, if necessary, on the establishment and administration of an institution for the conduct of scientific research in its relation to industry. The statement was made in reply to a suggestion that a national laboratory be established in Australia.

Sir John Madden, Chancellor of the University, in proposing Mr. Hughes' health, said they wanted him to bring together representatives of the States and the Commonwealth in the formulation of a scheme.

Professor O'Boone, referring to the position in which Great Britain found herself since the war, owing to the scarcity of necessary pigments, said it was because they relied too much upon Germany for supplies, and because there had been no organised economical research in England to carry out effectively the project of a Federal institution that there would have to be liberal endowment.

Professor Cherry said that in the Universities of the six States, there was a great deal of machinery on hand.

Mr. Hughes, replying, said science should act as a beacon of industry and guide its feet through mazes of experiments. It had been shown what potential wealth there was in this country, but they were practically in their swaddling clothes economically. They were in their school days. He thought the idea of a national laboratory was the corner stone of the edifice. (Hear, hear.) They could gather round them men of all branches of science and utilise them in the opening up of new avenues for fresh industrial efforts. They could increase their productivity from 15 to 20 per cent., and that applied to a million of money would mean a splendid achievement. Whatever was done must be done on sound lines. There must be a combination of science and business capacity, and they must have the co-operation of the Universities in each State. The Commonwealth Government would endeavor to co-ordinate with the Universities in this direction. The Government would do all they could to make the project a success. (Cheers.) They were not committed to details. As far as possible they would avail themselves of the ability and services of scientific men in their own industries, but if it was necessary to strengthen the staff it would be reinforced from outside. He would make enquiries during his visit abroad, but in any case the Government without delay would take the necessary steps to give the institution a start. (Cheers.)

Professor Anderson Stuart (Sydney), suggested the appointment of a Commission to report on the scheme.

Mr. Hughes said he had lost faith in Commissions. No institution began better or ended worse. (Laughter.) He suggested that they should invite representatives of the Universities to meet in Melbourne at an early date to consider the whole question and make suggestions to further the ends of industry. The Government were prepared to give 20/ for every 20/ worth. The Government would give £5,000, £50,000, or £500,000, if necessary. He said deliberately that it was the best investment Australia could make, and if they gave £50,000 they would be getting every penny of their money back. (Cheers.)