Yale University Announces \$50 Increase in Tuition Fee

Advance From \$300 to \$350 to Be Effective in Fall When New Appropriations Will Prevent Additional Burden on Self-Supporting Students

cial)-Yale University announced today an increase in its undergraduate tuition from \$300 to \$350 effective next fall. The announcement stated that additional appropriations would be made to prevent the increase from add g to the financial burdens of the self-supporting students, who now comprise one-third of the undergraduate body, and who are receiving aid from the university to the amount

of \$271,303 a year, "The undergraduates now pay less than half the cost of their instruction," according to the announcement "The present increase is an attempt to secure in the case of those students who can afford it a more adequate contribution toward the cost of their education than heretofore and in this way to assist the university to balance its budgets. In taking this action as to the undergraduate schools the university is extending the policy already adopted in the schools of law and the fine arts."

Adopted Same Policy

A number of leading universities, it was said, have adopted the same policy because of the greatly increased costs of recent years, and have in some instance raised the charge to the student beyond the new rate at Yale for this reason.

The endowment of the Andrews Memorial Library at Yale University which has provided textbooks since 1882 for students who could not afford to purchase them, has been increased by gift of \$2000 from Mrs. William Loring Andrews of New York City, according to announcement made today.

"The changes at Yale in the last 40 years are illustrated as strikingly in the memorial library and its use as in other parts of the university," Andrew Keogh, Yale librarian, said today. "The number of students enrolled in Yale College in 1882 was 611, whereas the number now in the college and freshman year is 2322.

Number Much Greater

"The number of textbooks is now much greater, partly because courses are more numerous, partly because textbooks change oftener, but chiefly because the newer methods of instruction require the collateral or comparative use of many books on a

18.4.26 NEWS.

University Debaters from Britain

A team of debaters from English universities will-hold their first interuniversity debate in Sydney on Wednesday, April 28. On the following Saturday the team will leave for Brisbane, where the first debate will be held on the following Monday. A week later the team will travel to Melbourne, On May 10 a debate will be held in the public lecture theatre at the Melbourne University, and next day the British debaters will take the boat for Tasmania. Debates at the Melbourne University. will continue on May 18 and 19 if sufficient support Is available, and a fixed debate is scheduled for May 20. Next day the team will leave for Adelaide, and later for Perth, whence it will return to England.

12.4.26

cylinder heads disclosed a complete absence Among the passengers for Sydney by the R.M.S. Orama is Dr. Henry H. L. A. Brose, M.A., B.Sc., D. Phil., who in 1922, was appointed Recturer at the Electrical Laboratory, Omord. He will combusion engines, but up to the present make a lecturing tour of Australia, for the purpose of which he was granted twelve. months' leave of absence from Oxford. A native of South Australia, Dr. Brose, who is a nephew of Mrs. Henry Gepp, received his education at Prince Alfred College, and later studied at the Adelaide University. He was selected as Rhodes Scholar for South Australia in 1913, and went to Oxford. He was in Germany at the declaration of war, and was me terned for five years in company with a number of other Australians. After the war he returned to Oxford, and re-

sumed his reading for the degree of Doctor

of Philosophy,

NEW HAVEN, Conn., Jan. 27 (Spe- subject. Textbooks are also costlier year by year, so that the books needed during the four years at Yale are now estimated to cost about

> "The number of students who are working their way through college is also greater than ever, with a consequent increased demand upon the memorial library for necessary books. With these and similar facts in mind, and with a generous desire to make the Andrews Memorial of sufficient size to meet the increasing demands, Mrs. Andrews has from time to time added to the endowment."

There are now about 10,000 volumes in the Andrews Library, and the records show that during the last academic year there were 362 student borrowers, the number of volumes taken for home use amounting to more than 2500. No charge is made for the use of the books, which may be kept for a year if desired.

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Educationist and Author

One of the most prominent of the younger South Australian educationists is lege, he is the pioneer of the residential university movement in this State. His interest in matters educational has a wide scope and embraces practically every phase of the work in South Australia.

Mr. Price was born in Adelaide and educated at St. Peter's College and Magdalen College, Oxford. In 1915 he was appointed assistant master and house master at St. Peter's College. He is a lecturer at the Workers' Educational Association in economic history and economic geography, and teaches economics and economic history at St. Mark's.

An enthusiastic sportsman, Mr. Price plays cricket and tennis. While at Oxford he was cox of one of the winning Magdalen boats. For nine years he trained the St. Peter's athletic team. He is chairman of the Adelaide University Athletic Club, and a member of the Uni-N. 14 versity Council.

Mr. A. Grenfell Price

Mr. Price has been associated with St Mark's since its inauguration, and was appointed master in December, 1924. He is keenly interested in historical research. Several publications stand to his credit, Australia," "A Casual Geography of the World," and "South Australians and their Environment,"

One of his pet projects is the foundation of the Students Union at Adelaide University, which it is hoped will eventuate at the Jubilce celebrations this year. According to Mr. Price this, next to a residential university, is the greatest educational need of South Australia.

Under his guidance St. Mark's College is thriving. The accommodation has already been increased since its foundation. and plans are on foot to extend the college until it can accommodate many times the number now in residence.

Visit of Professor R. J. Stapledon.

AGRICULTURAL RESEARCH.

With the object of enquiring into agricultural research in Australia and New Zealand, particularly in the southern portions of the latter Dominion, Professor R. J. Stapleton (Director of the Welsh Plant-breeding Institution in Aberystwyth, Wales), is a passenger by the Blue Funnel liner Aeneas, which arrived at the anchorage on Saturday.

This is the first visit to Australia of Professor Stapleton, who, accompanied by his wife, reached Adelaide on Monday morning. In the afternoon, in company with Professor J. A. Prescott, of the Adelaide University, Professor and Mrs. Stapleton visited the Waite Research College at Urrbrae, and in the evening they were the guests of Professor Prescott. On Tuesday the visitors motored up to Roseworthy Agricultural College, in the work of which they evinced keen interest. Professor Stapledon devoted especial attention to the activities of Mr. R. C. Scott, the official wheatbreeder there.

When questioned on Tuesday morning, Professor Stapledon stated that there were at present six or seven agricultural research institutions in England and Three such centres had been established in Walcs-one at Bangor, in north; one at Aberystwyth, in central Wales; and one at Cardiff, in the south. As with Urrbrae, the college at Aberystwyth, which was founded in 1919, is conducted in conjunction with a university, the one in this instance being the University College of Wales. In both Eugland and Wales agricultural research is developed on similar lines, each institute being connected with a university.

The problems in which Professor Mr. Archibald Grenfell Price, M.A., Stapledon are interested are those con-F.R.G.S. As Master of St. Mark's Col- nected with grassland, and his research work consists mainly of cultivating improved strains of grasses and clovers. South Australia's small average rainfall is a matter almost of wonderment to the Professor. In that connection conditions in Wales, he said, were almost the exact opposite to those in South Australia. Although Professor Stapledon will take I every opportunity to observe methods of agricultural research throughout Australia, the main object of his visit is to make a close and diligent study of those adopted in New Zealand, particularly in the South Island, the climatic and other conditions of which are practically similar to those of his home country. In the South Island of New Zealand the grasses and clovers are the same as those cultivated in England and Wales. Much cocksfoot grass is imported by Great Britain from New Zealand, although the import figures have decreased during the last few years.

The Waite Research College at Urrbrae offers great possibilities, in the opinion of Professor Stapledon, who was much interested in what he saw during his brief la visit there. It afforded great pleasure to him, he said, to see a South Australian sou college being conducted on such lines, ou which were the best for agricultural de-wa velopment. The visitors will rejoin the ou Aeneas to-day on their way to the eastern . States. They expect to complete their Pr return journey to Wales by December.

REG. 13.4.26

TROPICAL DISEASES.

AN INTERNATIONAL CONFERENCE.

MELBOURNE, Monday. It is proposed to held a conference on tropical medicine in Melbourne next

The Minister for Health (Sir Neville Howse) said today that the Federal Ministry had for some time been giving consideration to the medical and health problems connected with the island groups of the Pacific. The examination of these problems in connection with the Commonwealth's own responsibility in Papua, New Guinea, and Nauru had indicated the probability that a conference between representatives of the Governments of the different countries having interests in the Pacific would certainly give indications of directions in which action could be taken for improvement in the standard of health, not only of the native inhabitants, but also of all persons resident in the islands. The dangers of the introduction of diseases now non-existent in the islands might be anticipated by international action and co-operation. The Commonwealth Government accordingly had requested the British Government to issue invitations to the various countries having possessions in the Pacific to send representatives to such a conference, to be held in Melbourne in 1927.

and the costs in its production were greatly influenced by the price of coni. He submitted a statement on electricity costs in the various capital cities, which had been prepared by Mr. Brookman, of the Electric Supply Co. One table was for the supply of current for a load of 10 horsepower for 200 hours a mench. In Adelaide, the cost was £15 15/; Melbourne Electric Supply Co., £15 2/; Melbourne City Council (in a limited area), £10 8/; Brisbana, £14 16/; Perth, £11 5/; Tamuanian Hydro-Electric, £10 8/; Electricity Commissioners of Victoria, £11 11/3, Sydney, £10. Adelaide was at a great disadvantage, in that coal supplies were difficult to obtain, and there were no great manufactories. Adelaide used 12 units or power per £1 of capital invested in industry, but Melbourne used 37 units. He did not think there was any hope of getting water power here, and there was practically no available source of power at

present except coal. There were only

three known deposits of coal in South

Australia-at Moorlands, Clinton, and

Leigh Creek-and on account of the poor

quanty of the product competition with

Newcastle was not economical. A com-

mission of enquiry, on which he served a

lew years ago, made recommendations re-

garding the use of Leigh Creek coal by

pulverising it and using it on the North-

South railway locomotives. If that were

done at would keep the mine open and

give a source of supply in times of emer-

gency. But if they wanted to test these

local coals properly they should construct

special furnaces for them. It would cost

£6,000 or £7,000 to enable thorough tests

to be made with a locomotive, but that

He would like to emphasise the great

importance of the use of power in in-

dustry. In America they were utilising

nearly four horsepower per operative in

their factories, whereas in Australia they

were using less than two. One man

exerted roughly one-eight of a horsepower.

and to obtain one hrosepower that way

the cost was about £5 12/, compared with

a few pence from an electric station, The effect of all this was shown in the

increased output per man in America, and that enabled a high rate of wages to be

kept up. In the United States they were

paying the highest rate of wages in the

world, their purchasing power was also

the highest, as was their productivity per

man. It was the fact that the opera-

live had the exam power at his command

that enabled these things to be achieved.

But if they looked at the "curves" in

Australia, showing the productivity, the

national debt, and the wages paid to work-

men, it would be seen that wages were

rising rapidly, and debt almost propor-

tionately. The money value of products was also increasing, but productivity,

measured in quantity of goods produced,

was decreasing. One felt that that was

not sound. They wanted to do everything

in their power to encourage manufacturers

to use more power. Australia had a

strongly protective tariff, but they did

not discriminate very much, and protected

almost anything that could be made in

enable them to produce, and they should

treat it in the same way as they did tools

of trade, many of which were admitted

at considerably reduced tariff rates. Elec-

trical machinery, however, was highly

taxed, with the result that when a manu-

facturer wanted to put in a motor he pro-

bably had to pay £150 for an article which otherwise might be purchased for

£100. This aspect of the matter had

been dealt with fully by Mr. Julius in

a paper before the Institute of Engineers

in Hobart recently. Mr. Julius was by no means a freetrader, but he had realised

that Australia had not the market, and

could not hope to compete with the manufacturers of electrical machinery in the old

world. If they added the duties paid on electrical machinery to the wages paid

to workers in the electrical machinery

workshops in Australia, it would be found

that that industry was costing Australians

£550 per man. He endorsed the opinion

of Mr. Julius that electrical machinery

should be admitted to Australia duty free.

If it were necessary for special reasons to

encourage the industry it should be done

Harold During, engineer, of Hackney, who

has invented a petrol saver. He said the

company controlling it had found difficulty

in placing their invention on the market

owing to high costs of manufacture. The

petrol saved amounted to 20 to 25 per

cent. in a series of exhaustive tests. Super-

heated steam was mixed with petrol as it

passed through the carburetter, and that

gave a more combustible mixture, which

increased the mileage obtained and almost

eliminated carbonisation. After a run

of 20,000 miles in a car the removal of the

of carbon in the cylinders. The principal

was applicable to all classes of internal

the invention had not been brought under

the notice of the Government.

Evidence was given by Mr. George

by way of bounties,

Electricity was a tool to

Australia.

had not been made available.