ADELAIDE UNIVERSITY

Extension Lectures

An attractive series of three courses of University extension lectures is announced. The first of the series will be given by Professor Strong on "Great Writers of the Age of Shakaspeare."

He will describe the spirit of Shakespeare's age and its social and political background. He will show that Elizabethan London, with a population only the half of Adelaide's, yet contained at least 10 theatres and a round dozen of playwrights, any one of whom would have been reckoned a notable figure in any nation's literature.

Several of these dramatists, including Marlowe, Shakespeare, Webster, Ben Jonson, Beaumont, and Fletcher, will be discussed in detail. It will be shown that Elizabethan literature was far more closely connected with public thought and action than is the literature of our own day, and the lecturer will discuss the literature of warfare and the sea. with special reference to Hakluyt and Raleigh, and to the patriotic poems of Drayton and Daniel. Emphasis will be laid upon the pride of Elizabethan England in its historic past, and it will be shown that this pride was largely responsible for the historical plays of Shakespeare and his contemporaries.

turers had their counterparts in the Elizabethan poets and writers of imaginative prose, who were, in fact, adventurers in the world of the spirit. Many of them, including Sidney, Chapman, and Daniel, had a veritable passion for learning and beauty, and this passion transfigures much of their writ-

The Elizabethan seamen and adven-

The lecturer will discuss the poetry of Edmund Spenser and his followers, and will show in what ways it expresses the spirit of the Renaissance. An account will be given of the Elizabethan sonneteers, including Shakespeare, and the Shakespearian and modern forms of the sonnet will be compared. Quotations will be given from the lyrists of the period, from Greene, Lyly, and Peele down to Heywood and Campion, and it will be shown how their work reflects the spirit of the age and its lyric joy in life and beauty. Special reference will be made to Ben Jonson and the "Sons of Ben," including Herrick and Randolph,

When discussing Elizabethan prose the lecturer will emphasise its remarkable range and variety, and also the uncertainty of its power and inspiration. He will discuss Hooker and the religious prose of the period. Bacon and other essayists, Breton and other "character" writers, and the literature of roguery and vagabondage, with special reference to Greene and Dekker. The course will conclude with a retrospect of the whole

period. The first lecture will be given on Tuesday, June 10, in the Prince of Walch lecture room at the University. Full particulars of the whole series can be obtained on application at the registrar's

Herald 5 1 WAT 1964 UNIVERSITY LECTURES

AN ATTRACTIVE SERIES

attractive series of three courses of University extension lectures is announced in our columns. The first of the series will be given Professor Strong on "Great Writers of the Age of Shakespeare." During his course he will describe the spirit of Shakespeare's age and its social and political background. He will show that Elizabethan London, with a population of only half of Adelaide's, yet contained at least ten theatres, and a round dozen of playwrights, any one of whom would

have been reckoned a notable figure in any nation's literature. Several of these dramatists inliterature was far more closely connected with public thought and action than is the literature of our own including Sidney, Chapman, and director Daniel, had a veritable passion for learning and beauty, and this passion

transfigures much of their writing .

satisfaction the fact that one of their num- tion in the Victorian department. Dr. her has attained the dignity of Doctor of Richardson, exhibiting a characteristic Science as a result of work done in Aus-loyalty to his immediate work, considered tralia for the betterment of a leading in- that, given a proper opportunity, duty dustry of the country. Other brilliant demanded that he should remain in South Australians have won distinctions as Australia, and he refused the attractive marked, but invariably for original work proposal which carried with it a doubled ties, Dr. Richardson, M.A., D.Sc., of Vic- opportunities would be afforded him in toria, has loyally preferred to give his joining the Victorian department, he rebest to his homeland which, because of signed, expressing to his friends his reits youth, is confronted with probems gret that circumstances were such that urgently requiring attention. Agricultural he could not give his best to his native science is a comparatively motern affair, State. It was in 1911 that Dr. Richardand its ramifications must be applied with son accepted appointment as agricultural direct consideration to local conditions, superintendent in the Victorian Depart-Hence a set of practices which may be ment of Agriculture, his duties being deadapted for, say, European conditions, fined as "(1) To act as head of the agricannot necessarily be applied to Australia, cultural division and, subject to the Direc-Dr. Richardson has made it his life work tor, to control, direct, and be responsible to apply himself to our agricultural for the work of the branches problems, and the lead he has given is comprising the division and offiaffecting, and must affect, our material cers thereof; (2) to organize and development to an extraordinary degree conrtol all experimental and demon-He is a comparatively young man, and yet strational work of an agricultural characthere is not a coterie of farmers in the ter;; (3 to assist in promoting the im-Commonwealth that has not already been provement of agricultural practice." inspired to a strong hope by his secom. was early manifest that Dr. Cameron's plishments. He has been awarded the judgment was justified; the two officers degree of Doctor of Science of Melbourne quickly impressed themselves on State University for original research work on progress, and throughout a prolific 13 years the water requirements of Australian farm have effected a transformation in wheatcrops, also on wheat and wheat breeding growing and other primary industries. investigations, the influence of which has Perhaps this would not have been possible as direct a bearing upon the progress of had their relations not been so cordial. Western Australia and New South Wales Dr. Richardson concentrated upon cultural as upon that of Victoria. The dignity is and similar problems, and Dr. Cameron, the more notable because this is the first appreciating the breadth of his outlook, ocasion on which work upon purely agri-gave him a comparatively free hand. Dr. cultural subjects has received recognition Cameron himself had only recently come



DR. A. E. V. RICHARDSON, M.A.

lian University. The theses in which his distinctive work was presented were submitted to Sir Daniel Hall, F.R.S., formerly director of the Rothamsted Experimertal Station, and now Scientific Ad- which he indicated what he considered viser to the Board of Agriculture of Great were the main factors to be kept in view Britain, who is regarded as the world's in wheatgrowing. In the order of the foremost agricultural scientist. He most placing these were early fallowing, the favourably commented upon the theses rough cultivation, systematic rotation, rasubmitted by Dr. Richardson.

Trained in South Australia. Bern in South Austra ia, Dr. Richard dence was obtained as to the influence son is 40 years old. Larger by the old which each was capable of exerting on the of bursavies, he proceeded from the average yield, and the results were driven primary to the secondary schools and home to farmers through the medium of the University of adelaide Tis trait farmers field days, field demonstration ing was direated to specialized agri- plots, farm and crop competitions, bulcultural science, first at the Rose etins, lectures, and press propaganda. worthy Agricultural College, where he Within the last 15 years the average crop gaired the first-class diploms, and then yields in the Wimmera, where the departat the University of Adelaide, where ment has functioned more thoroughly than he took courses in arts and science and, anywhere else, have increased by 300 per cluding Marlowe, Shakespeare, Web- me took courses in arts and the degrees cent., reckoning them in five year periods, established exact experimental methods ster, Ben Jonson. Beaumont, and of master of arts and bachelor of science while in relation to inch of rainfall they in agricultural practice in Austracha, and Fletcher, will be discussed in detail. concurrently. This performance will ap have risen from half a bushel to 1] bushels, his lead has been followed throughout It will be shown that Elizabethan pear the more notable when it is said a radical change which reflects as much the Commonwealth, so that he secured hist class nonours in in credit upon the broad-gauged character of now organic chemistry, organic and physical Victorian farmers as upon Dr. Richardson workers in all the other States, chemistry, biology, botany, and geology himself. In pounds, shillings and pence On recent occasions in which there have (part II). In specializing for his science the progress attained has added millions to been opportunities for him to be judged day, and the lecturer will discuss the degree in agriculture be spent a year in the annual production of the State with world-famed scientists literature of warfare and the sea, research work on the chemical and physical are now who have visited Australia, such as at with special reference to Hakluyt cal qualities of flours made from low and and Raleigh, and to the patriotic high grade wheats, and the thesis which poems of Drayton and Daniel. Em- Sydney University, and approved for the mum development was reached last year at problems of the country were extelled as a physical will be lated upon the university. Longerenong College, where 120 acres of on a level with the best elsewhere, and phasis will be laid upon the pride of degree. Upon leaving the university, Elizabethan England in its historia Dr. Richardson became associated with the Department of Agriculture in South 33 bushels per acre-just because, accord other countries has had the aid of old past, and it will be shown that this Australia, and almost immediately dispride was largely responsible for the played keen foresight in concentrating historical plays of Shakespeare and upon two salient problems-dry farming his contemporaries. The Elizabethan and wheat breeding. At the Parafield seamen and adventurers had their experimental station he originated new counterpart in the Elizabethan poets varieties of wheat that have since made a and the production of Jucerne in irrigated | 1 to the counterpart in the Elizabethan poets varieties of wheat that have since made a and the production of Jucerne in irrigated | 1 to the counterpart in the Elizabethan poets varieties of wheat that have since made a land the production of Jucerne in irrigated | 1 to the counterpart in the Elizabethan poets varieties of wheat that have since made a land the production of Jucerne in irrigated | 1 to the counterpart | 10 to the reputation, and so impressed his person- culture, returns are markedly on the upand writers of maginative prose, who ality upon the local department that he grade. Indeed, there is hardly a phase were, in fact, adventurers in the speedily attained the positions of assist of rural production upon which the deworld of the spirit. Many of them, tant director of agriculture and acting partment has ust thrown heliful light

Attention in Victoria. At about this time his work attracted

the attention of Dr. S. S. Cameron, Director of Agriculture in Victoria, who was much impressed by the thoroughness and scientific soundness of young Richard-His Influence Upon Agriculture. son's work. Indeed, that astute judge of men recognised in the young man great potential capacity for influencing agricul-All good Australians must view with tural development, and approached him which has first helped distant communicialary. Later on, realizing that greater for a doctorate of science in any Austra to the high office of director, and in furtherance of the policy of concentration of investigational work which he adopted had provided for the establishment of a central reserch station, where the work of the scientific staff of the depretment could be efficiently directed, and the teachings of the department illustrated at close hand. In pursuance of this policy, all but two of the State farms then existent were closed, and work at the State Research Farm at Werribee was commenced in May, 1912, Within a few weeks researches and investigations which have proved supreme importance to the development of the State were planned, and have since been carried out. Wheat improvement, farm crops with factors influencing the soil renovation, crop rotation systems, tillage methods, water requirements of same, genetics, pasture improvement, crop nutrition, and last, but not least in its not lutherto been attempted in Australia, the excellent conception of the layout of the farm to serve its purpose and the scope of the investigational work initiated. the station was the most complete he had seen in any part of the world. A series of permanent field plots was also laid out at the Rutherglen Experiment Farm, and the Longerenong College, with similar objectives under different soil and climatic conditions.

Views on Wheatgrowing. It is not intended here to follow stage by stage the progress made. In 1912 Dr. Riehardson published a bulletin in tional manuring, and systematic seed selection. Each year thereafter exact eviestimated in bags where previously they the Pan pacific conference of last year, Federation wheat returned an average of that despite the fact that such work in ing to the report of the principal, the established and financially well endowed methods adopted were those found to be institutions, with large and well-trained most profitable in the experiment plots staffs. So much could not have been established at the college by Dr. Richard | accomplished in so few years had be son. Similarly in pasture improvement, been abrelant apoly of

The loyalty shown by Dr. Hatter to South Australia has been a feature of his association with Victoria. three years after coming to this State withough a very young man for such a position, he was effered a professoral p of agriculture at the Porth University and considering that he owed much to the State, be declined it almost off hand, In 1918 he was appointed by the Covernment to visit the United States and Canasia to S study the systems and methods of agricultural education and research in those countries and to make recommendations to the Victorian Government in order to place agricultural education in Victoria or a sound basis. In transmitting the result tant report to the Minuster of Agricultura-Dr. Cameron wrote: "Seldum, I think, how 4 commissioning Government been fus nished with so satisfactory a fulfilment's of its commission," while the editorial columns of the Experiment Station Record, the official organ of the United States Department of Agriculture, commented: "It is is a highly intelligent and accurate expose a tion of the American view of agricultural education and the spirit and motive of agricultural institutions. . . This is excellent report will furnish a reliable basis for agricultural development through education and research.

Loyalty to South Australia

Dearth of Trained Officers.

The greatest obstacle that the Depart-L

ment of Agriculture has had to contend with during the last decade has been the difficulty of obtaining a sufficiency of suitably trained officers to carry out the advanced scientific word which necessarily must precede the pronouncement of imsity graduates in agricultural science fell away to practically nil during the later! years of the war, and in 1918 it was seriously considered by the University authorities that the agricultural course should be abandoned. The check to the progress of the department which such a step would have entailed induced the Government to pass the Agricultural Education Act, 1919, which enabled the present affective degrees course at the university to be established. A sum of £104,000 was appropriated for agricultural education over a period of 10 years, it and a flow of graduates to engage in extending the scientific work of the department made certain. The efforts to attain this epoch-making advance were a ably seconded throughout by Rr. Richardson, and when, as a result, the Melbourne University School of Agricultural came into being in 1920, he was appointed Dean of the Faculty of Agriculture, Director of the school, and lecturer in agriculture, an arrangement being made with the Government for half-time service to be given to enable him to carry out these duties. The first crop of students under has regime will graduate in December next, and from that time on the Department of Agriculture may be expected to have an adequacy of staff on the agricultural side which it has never before enjoyed. The new buildings for the School of Agriculture at the university were designed wholly by Dr. Richardson. The planning of the lecture rooms, museum, and laboratories is such that distinguished visitors to the science congress held last influence, irrigation problems, have all re- year in Melbourne declared that the ceived attention. Much of this work had museum excels in practical teaching value anything to be found in other parts of and Sir Daniel Hall, a world authority the world. Every exhibit is arranged in on the subject, after inspecting the in- such form that it tells its own story. stitution in 1914, publicly stated that in Each primary industry in Australia is a graphically illustrated, and the design of certain of the museum exhibits has been a copied for similar exhibits in the Australian section of the Empire Exhibition.

> effected in Victoria by Dr. Cameron and Dr. Richardson has been in the attitude of the farmer to science and the scientist. Twelve years ago, at least among growers, the scientist was considered a theorist. who might be helpful in giving information about diseases, but who on the cultural side could be treated with goods natured contempt-and not always good natured. To-day, the scientist is listened to with respect on every factor. Definite facts have been elucidated; those facts have been tested by the farmer himself, and have not been found wanting. The scientist is now welcomed on the farms, and at periodical meetings of men on the land the demand is made for more scientists, so that farm-to-farm visits can be made. Dr. Richardson is a propagundist. Even when he first came to the State he had the calm confidence on the platform which comes only with knowledge of a subject. He is what may be termed a "downrighter," always true to n his ideals. On the cultivation sade he has treated agriculture as a subject car-

Science and the Farmer.

Perhaps the most dramatic change

Cas They from 10 this morning, wing a List appointed to Venterday's Papers. NOTOR PULLDINGS, SE, SE,