finest scientific brains in existence. This loss has cost England dearly and cannot be made up. The results of Moseley's discovery show a sort of stairs of elements, each element cor-

UNMOVED BY

German Terror But Mildly In-

terests City Now-"There

it Goes," the Only

Remark.

PARISIANS ARE

ADDRESS IN PRAISE OF FOUNDERS BY DR. McGINNIS

Professor of Physics and Electrical Engineering at U. N. B. Emphasizes Necessity of Study of Those Branches of Science in View of Reorganization Which Must Follow the War.

The Address in Praise of the Founders delivered at the encaenia of the University of New Brunswick this afternoon by C. S. McGinnis, S.B., Ph.D., professor of Physics and Electrical Engineering was as follows:

The wholesome influence of the University of New Brunswick is by no means limited to the Province from which it derives its support. As in the past, however, the institution must continue to offer whatever the spirit of the times may demand. This reaction upon the University has resulted in a continual readjustment of courses offered. New branches of study have been added, old ones continued, but very few if any have been actually dropped. So the process is essentially one of expansion. Subdivisions have become necessary. Thus, not only have chemistry and physics drifted apart from their common origin, but that important branch of study known as physical chemistry has been ex apart from their common origin, but that important branch of study known as physical chemistry has been extensively developed over the common ground between them. The actual character of a course of study called "science" would be about as definite to the intending student as another one which might be called "language." Its reason for being could only be that it might include a little from each of all the branches of science, or a little from each of all the languages.

A Definite Task.

the particles in the Brownian Movements, and a susequent experimental confirmation to one-half per cent. Fourth: The discovery of radio-activity. Here we find matter shooting off negatively charged particles with speed near the velocity of light, or 186,000 miles per second, and postive-lenth that velocity. Fifth: The discovery that electricity itself is atomic or divisible into elementary parts, all similar. Sixth: The discovery of the mode of makeup of the atom, that A Definite Task.

Can anyone imagine a practicing engineer of today who knows only a little from each of all the engineering branches. Such a man does not fit in the scheme of modern expansion.
So our engineering student of today has a definite task before him. It is an intensive study over a restricted field which was perhaps naturally for a time too much restricted. A mod-ern language or two for purposes of collatoral reading have always been made by a young English physicist in his twenty-sixth year. Moseley, who his since given up his life in this world war which is crushing out the required. It is scarcely necessary to add that a real appreciation of these literatures is not attained. However, a broader study of the English language is now generally held to be necessary for our engineers.

Future Requirements.

The world war is now moulding the future requirements of our educational systems, for there is to be a mighty conflict for national supremacy. Rad-ical changes are in the making in Eng-

land with a strong tendency to criticize the classical education as pursued in the public schools there.

Lord Raleigh, one of England's foremost physicists, while not sur_porting an exclusively scientific training, points out that "the majority of boys, notwithstanding the time spent on the notwithstanding the time spent on the classics, attain neither to a knowledge of the languages nor to an appreciation of the writings of the analysis. cient authors.

Head Masters' conference held in 1908 to propose a curriculum 80 per cent, of the head masters were classical men, and they proposed a curriculum in which the study of the dead languages occupied over forty ize Paris with its long range gun, age when Greek became a subject. A reviewer suggests that "Parents would circles of life. The bombardments The Allies saw a wondrous light do well to study the figures given and ask themselves it such curricula in which English as well as science is neglected, are not contrary to all common sense and do not necessarily lead to no education instead of one that is "liberal."

The Ames saw a wondrous light—have become a part of the daily routine and the extent of the Parisian's comment now when the big gun is in action is "Cay est," which is English for "There she goes."

RIGHT IN LINE.

The Queen of Hearts

Be this as it may, I can at least point out that engineering courses such as electrical engineering, can scarcely be expected to flourish or to give full value to the student unless fostered and provided for by men other than those of a decidedly classical American Fund for French wounded, fostered and provided for by men other than those of a decidedly classical trend. In the latter case, its vital welfare is naturally left to the initiative of some friend who does not exist. The classical man is at a loss to know why a library of the latest books will not in great measure provide an abundance of technical information. It will, but he forgets that when his electric lights go out he finds it useless to run to the encyclopedia. The only argument against the extensive use of laboratory apparatus in studying nature's laws, is that apparatus is rather expensive. But since proficiency is not otherwise attained, the question must be fairly met.

Rapid Strides.

That branch of science known as physics, the study of matter and of energy, has been taught here in some

Rapid Strides.

That branch of science known as physics, the study of matter and of energy, has been taught here in some form or other since the foundation of the University, and has made its most rapid strides in the lifetime of the University. English speaking people have contributed very largely to this advancement. The philosophy of modern physics holds that the universe is in the end rationally intelligible, no matter how incomplete our present understanding of it may be, it believes in the absolute uniformity of nature.

Experiment.

But the only way to learn of nature's laws is to experiment. Thus our laboratory equipment is the most important element in our course of modern physics holds. The model of the present understanding of it may be. It believes in the absolute uniformity of nature.

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Experiment.

But the only way to learn of nature's laws is to experiment. Thus our laboratory equipment is the most important element in our course of modern present understanding of it may be. It believes in the leasn of the warning siren, growing nearly present to spread like a huge mushroom of sound, and from far down the warning siren, growing nearly present the warning siren, growing nearly present the warning siren, growing nearly present the warning siren, growing nearly presen

If you are, you either shave yourself or go to a barber. If you visit a barber you may have the unfortunate experience of Mr. M. Butler, of Bridgeport, Conn., who developed what is known as "Barber's Rash" on his face through the use of an infected razor. He writes:

"My face was covered with sores, which caused me a great deal of suffering and inconvenience, and I was unable to shave for four weeks. Repeated applications of Zam-Buk, however, entirely rid me of the trouble."

To avoid the possibility of such an experience, immediately you see a rash or spot appear, treat it with Zam-Buk. This balm will destroy all germs, prevent the disease spreading and soon end the trouble.

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esponding to one step. There are lightest and the heaviest elements with which he could work, i. e., aluminum and lead, indicating that there are only four elements within this range which have not been found.

Some people wonder what of prac tical value is in these fundamental truths. The fetish of immediate utility does not possess the true physicist for he knows he is the pioneer upon whose work practically all engineering advancement depends.

Research.

The latest admission of the true value of investigation and research is by the Canadian Government through its Advisory Council for Scientific and Industrial Research. Properly quali-fied persons are given financial assistor divisible into elementary parts, all similar. Sixth: The discovery of the mode of makeup of the atom, that is, the nucleus with its revolving satellites or electrons, and just how many electrons. Seventh and last: A discovery which when viewed in its proper perspective makes the others appear insignificant, namely, a new relation between the chemical elements and a new contribution to our knowledge of radiations emitted by the different elements. This discovery was made by a young English physicist in made and the best traditions of the Loyal Foundary who is the proper part of the proper pa preserved.

HOW THE SCRAP STARTED. Jones stepped on Smith's favorite corn and of course there was trouble What Smith needed is Putnam's Corn corns and warts that cures in twenty-four hours. Putnam's is the only standby. Try it, 25c. at all dealers.

Mr. James Robinson of Miramichi, is at the Barker House.

Mr. and Mrs. G. Fred Noble of St.

John, are in the city.

Mr. S. J. Moore of Truro, is at the

BIG CANNON Barker House.

Mr. M. G. Teed, K. C., of St. John, is a guest at the barker House.

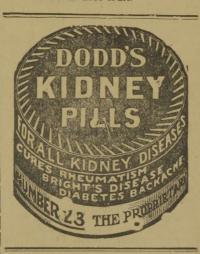
Yes, man for man and gun for gun, The Allies beat the long trained Hun And fought like men, both brave and

New York, May 14.—Despite the lat- Against the foe of liberty. Aye, fought for right and not for gain. To get revenge for babies slain; per cent, of the school hours after the there is still the same calmness in all By ruthless fierds in "kultur" skilled.

> The Queen of Hearts In making tarts

The food man tries to suit. She is discreet,

Cuts out the wheat And never uses fruit.



NOTICE

NOTICE is hereby given that there NOTICE is hereby given that there will be sold at public auction in front of the Post Office, in the City of Fredericton, on THURSDAY, the 23rd day of May, 1918, at 12 o'clock noon, the interests of Wilhelmina Phair in certain lands and premises known as the William D. Rainsford Homestead Property, described as fol-

"All those messuages and tenements "and pieces or parcels of land and pre"mises, situate, lying and being in the "Parish of Kingsclear, in the County "of York and Province aforesaid, "known and distinguished as part of "lot number twenty-two in the grant "to Stephen Jarvis and others, bound"ed on the upper or westerly side by "lands formerly owned by William B. "Phair Esquire, and on the lower or "easterly ride by lands now or lately "owned by Frances Coodine, the piece "or parcel hereby conveyed, measur"ing in front or breadth fifty four rods "more or less, and containing by es"timation three hundred and thirty-five" "more or less, and containing by es"timation three hundred and thirty-five
"acres more or less, the upper half o?
"the tract hereby conveyed having
"been heretofore sold and conveyed
"by the said Charles Rainsford and
"Deborah his wife, to James Balloch,
"and the lower half thereof having
"been heretofore sold and conveyed to
"the said James Balloch by Enoch
"Palmer and Lydia his wife, reference
"to York County Records, Eook O,
"page 56, will more fully appear."

Excepting thereout a 2½ acre lot

Excepting thereout a 21/2 acre lot on the front thereof conveyed by the said William D. Rainsford in his lifetime to one Wi'liam Sharp by deed dated September 1st, 1904, recorded in the York County Records in Volume

Company, conveyed to such Company by two several deeds, the first of which bears date the 16th day of June 1912, recorded in York County Records in Volume 150, page 51, and the second of which bears date the 2nd day of January, 1917, and is recorded in said records in Volume 164, page 53.

Also, "All that certain piece, parcel "or lot of land, situate, lying and be-"ing in the Parish of Kingselear afore-"said, adjoining land sold or deeded by

'said, adjoining land sold or deeded by 'said Charles Rainsford, bounded or 'the upper side by land owned or or 'cupied by Estey on the front by the River Saint John, on the lower side by land deeded to William and Ed ward Rainsford, and extending back from the River Saint John to the rear of said river lots, containing

The interest of the said Wilhelmina Phair consists of the remainder in fee simple after the death of Maud C.

Dated May 8th, 1918.
MAUD C. PHAIR, Guardian Person and Estate
5-9 td of Wilhelmin Di of Wilhelmina Phair.

LICENSING OF **CHAUFFEURS**

ANY person operating a motor vehicle as a chauffeur is required under an amendment passed at the last session of the Legislature to the Motor tion in order to obtain a certificate of

The undersigned has been authorized by the Hon. P. J. Veniot, Minister of Public Works, to examine all applicants for a chauffeur's license, and to ssue certificates of competency which hat they may be notified of the date

well as all new applicants, are required to undergo an examination.

ROBERT W. MAWHINNEY,

Mechanical Superintendent, Department of Public Works. St. John, N B., May 10th, 1918. 5-10 6i

Palmer's Summer Packs are sometimes called plough shoes or harvest shoes because they are especially designed for wear in the ploughing and harvesting You will not be troubled with tired, aching feet after doing a hard day's work in Palmer's Summer I acks, because they are light in weight, durable, roomy, comfortable and waterproof. Ask your dealer for a pair of these. "Moose Head Brand" shown above is stamped on every pair.

Notice to Stallion

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FREDERICTON, N.B., CANADA. 34

Notice is hereby given to stallion owners that they must submit their And also excepting the right of way for the Sairt John & Quebec Railway following are the inspection points and dates of inspection:

9	YORK COUNTY.
5	FREDERICTONMay 6 and 7 (2 p.m.)City Hotel MILLVILLEMay 7
£	MILLVILLE May 7 Hotel
	CANTERBURY May 8 Hotel
1	STANLEY May 9 Hotel
-	SUNBURY COUNTY.
1	FREDERICTON JUNCTION. May 15 Hotel
-	OROMOCTO May 14 Kelly's Hotel
9	J. F. TWEEDDALE,
-	New Brunswick Dept. of Agriculture, Minister of Agriculture.
2	Fredericton, N. B., 30th April, 1918.

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in the forwarded to the Department of Public Works. All parties desiring such examination must send in their applications to the undersigned immediately, addressed to Provincial Garage, Chipman Hill, St. John, N. B., so the the theorem is the provincial of the latest the latest the provincial of the latest the l

HOW TO GET FULL INFORMATION. Call at our establishment and and place of examination.

All chauffeurs now holding licenses obtained since January 1st, 1918, as your convenience.

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