

phenomena of radioactivity, and even until quite a short time ago M. Curie was forced to prosecute his studies in radium in a shed which, in its poverty of mechanical or other equipment, rivaled even the room under the roof in which Pasteur did some of his epoch-making work. An examination of the budget for 1904 reveals the fact that for scientific purposes the sum voted for the universities of France is over 13,000,000 francs. Besides this there is a credit of 556,500 francs for the Collège de France, with its forty professors, and, in addition, for the Museum of Natural History in the Jardin des Plantes one of over 1,000,000 francs; so that the budget for science for the past year reaches a sum of something less than £600,000. In France, as in England, the great difficulty appears to be the combination of teaching duties with those of research. The budget draws no distinction between money allocated for teaching purposes and that for research. The chief exception, perhaps, in a modified way, is that for the Collège de France. Each professor must give forty lectures per annum, but it is not possible to go on, year in year out, giving something new at every lecture. The same obtains at the museum. A professor at the Sorbonne or at the Faculty of Medicine, during six months has to devote his time to giving instruction to the students who attend his course, while a very large part of his time is necessarily consumed in the examination of the numerous candidates in the Paris Faculty.

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#### UNIVERSITY AND EDUCATIONAL NEWS.

THE University of Pennsylvania will receive \$60,000 from the estate of the late Professor Maxwell Sommerville, who held a chair of archeology in the university.

PRESIDENT THWING, of Western Reserve University, has announced that Mr. Andrew Carnegie had given \$25,000 towards the establishment of a fund of \$100,000 for the endowment of a chair of political economy at Western Reserve University, to bear the name of the late Senator Hanna.

THE Dominion government has made a

grant of £500 to the McGill University for work in railway engineering and transportation. This is the government's contribution, as owner of the Inter-Colonial, to a scheme to which the Grand Trunk and Canadian-Pacific have given £1,000, and the Canadian Northern £400, for the instruction of young men in railway construction and operation.

THE Board of Trustees of the University of the Pacific has ordered the museum moved from West Hall to East Hall where it will have more commodious quarters. New cases will be constructed for collections not now on exhibition. Funds have also been appropriated with which to purchase additional apparatus for the geological and chemical laboratories to meet the demand of an increasing number of students in these departments.

OWING to the interruption of travel caused by the quarantines against New Orleans and other infected points, it has been decided to postpone the opening of the session of the Louisiana State University until October 18. By that time the yellow fever will, it is hoped, be under such complete control and the quarantines so relaxed that unrestricted travel may be resumed on all railroads. There is no yellow fever in Baton Rouge, and there is every reason to believe that the efforts of the health authorities to prevent its introduction there will continue to be successful.

MR. CLARENCE E. REID, of the National Bureau of Standards, has been appointed assistant professor of electrical engineering in the Case School of Applied Science.

MR. ARTHUR H. FORD, professor of electrical engineering at the Georgia School of Technology, Atlanta, Georgia, has been appointed professor and head of the department of electrical engineering in the College of Applied Science of the State University of Iowa.

*The Experiment Station Record* states that Professor F. Wohltmann, for ten years director of the agricultural experiment station at Bonn-Poppelsdorf, and professor of agriculture in the academy, has accepted a call to Halle. In his lectures at Halle Professor Wohltmann will include a course in tropical agriculture with special reference to the German colonies.