

Otto Klotz has charge, has been successfully established.

A REUTER telegram from Cape Town states that Dr. Rubin has left for Chinde, with an expedition numbering 280 persons, for the purpose of measuring an arc of meridian into northeastern Rhodesia, from the Zambesi to Lake Tanganyika. The expedition will be away three years, and is expected to yield important data in connection with the determination of the earth's dimensions.

It is reported from Berlin that Mr. Walker, who is scheduled as the successor of John Eliot as superintendent of the German Indian Meteorological Service, recently spent a week at the aeronautical observatory with a view to establishing experimental stations in India for the observation of monsoon conditions by means of kites and kite balloons. The first station will be in the Himalayas at Simla, seven thousand feet above the level of the sea.

A PORTRAIT of Dr. James H. Richardson, for many years professor of anatomy in the Medical Department of Toronto University, has been presented to the university by his former students.

At the British National Physical Laboratory, Mr. C. C. Paterson has been appointed to take charge of the electro-technical and photometric work, and Mr. F. J. Selby has been appointed to prepare certain tide tables for Indian ports and to act as librarian.

THE centennial of the birth of Justus Liebig was celebrated on May 12 at the Chemists' Club, New York City. Dr. Ira Remsen, president of the Johns Hopkins University, and Professor William H. Brewer, of Yale University, were expected to make the principal addresses.

MR. ARTHUR E. SWEETLAND, the youngest member of the staff of the Blue Hill Meteorological Observatory, died on May 8. Mr. Sweetland had been connected with the Observatory since 1896, and several of his investigations, notably a study of cloud forms which had long occupied his attention, were published in the *Annals* of the Harvard College Observatory. He also aided the director, Mr. Rotch, to obtain the first meteorological

records high above the Atlantic Ocean, as was described in *SCIENCE* in 1901.

THE daily papers state that Dr. R. N. Hartman, professor of analytical chemistry at the School of Mines at Golden, Colo., was killed by escaping gas in his laboratory on May 8.

WE regret also to record the death of Professor Carl Anton Bjercknes, professor of pure mathematics at the University of Christiania, at the age of seventy-eight years, and of Dr. G. C. Dibbits, formerly professor of chemistry at Utrecht, at the age of sixty-four years.

#### UNIVERSITY AND EDUCATIONAL NEWS.

THE enlargement of the Silliman Laboratory of the Mount Hermon School is rapidly approaching completion. This enlargement was made possible through a gift of \$13,000 from Hon. H. B. Silliman, who erected and equipped the original building in 1892. The laboratory when completed in June will represent the expenditure of nearly \$40,000 by Dr. Silliman for scientific purposes. Professor C. E. Dickerson, who is in charge of the laboratory, has directed the work of enlargement.

THE late Walter D. Pitkins has bequeathed \$10,000 to Yale University, one half to be used for a scholarship and one half for a prize in mathematics.

THE Harvard Club of Chicago has given \$5,000 to found a scholarship in memory of Dunlop Smith.

MR. FRANCIS L. STETSON, of New York, has given \$25,000 to Williams College. Mr. Robert C. Billings has given the same sum to Wellesley College.

DR. GEORGE M. TUTTLE, professor of gynecology; Dr. George L. Peabody, professor of materia medica and therapeutics, and Dr. Robert F. Weir, professor of surgery, have resigned their chairs in the College of Physicians and Surgeons, Columbia University. Dr. Weir was appointed professor of clinical surgery, and Drs. J. A. Blake and G. E. Brewer were made lecturers in surgery. Dr. Christian A. Herter was elected professor of pharmacology and therapeutics. Dr. Edward B. Cragin succeeds Dr. Tuttle in the department of gynecology.

AMONG the promotions and new appointments at Columbia University are Dr. C. C. Trowbridge and Dr. F. L. Tufts to be instructors in Physics; Dr. B. Davis, tutor in physics; Dr. A. P. Wells, instructor in mechanics; Dr. R. S. Woodworth, instructor in psychology, and Dr. W. P. Montague, lecturer in philosophy.

DR. G. H. HOWE, now assistant professor of physics at Dartmouth, has been elected to the Appleton professorship of physics, in succession to Professor E. F. Nichols, who has been called to Columbia University.

AT a recent meeting of the board of trustees of the New Mexico School of Mines six additional chairs in the faculty were established. These were mining, physics and electrical engineering, mechanical engineering, mineralogy and petrography, metallurgy and languages. Several special lectureships were also provided. Carl E. Magnusson, B.E.E., Ph.D., from Wisconsin University, has been appointed to the chair of physics and electrical engineering; Charles T. Lincoln, B.S., of the Massachusetts Institute of Technology, has been appointed acting professor of chemistry, and Francis C. Lincoln, B.S., M.E., late of the San Barnardo Mining and Milling Co., has been placed in charge of the metallurgical department. President Keyes announces that hereafter regular summer work will be carried on at the institution. This work will continue through seventeen weeks and will count as a half year's credit. Field work in geology, surveying and mine examinations, and special investigation will occupy the time of certain classes. Practical metallurgy in its various phases will also be carried on.

THE University of Montana will be well represented this summer both in field and class work. The University Summer School will open June 15, and continue for six weeks. Eleven departments will offer work, and the new Woman's Hall will be completed and opened for this session. The Biological Station work, at Flathead Lake, under the directorship of Professor M. J. Elrod, with a corps of instructors, will give several field and laboratory courses both in botany and

zoology. The station will open the middle of July and continue for five weeks. The department of geology will conduct an expedition in the southeastern part of the state. This expedition will be composed of several students and an official photographer, and be in charge of Professor J. P. Rowe. The party will leave the university about the middle of June and remain in the field from six to eight weeks.

DIRECTOR R. H. THURSTON, of Sibley College, Cornell University, has accepted an invitation from the trustees and faculty of the Iowa State College, at Ames, Iowa, to deliver the address at the dedication of the new engineering hall on May 21. The new building was built at a cost of \$220,000.

THE Rev. Charles S. Murkland, who for the past ten years has been president of the Agricultural College, Durham, N. H., has been forced to resign. According to the *Manchester Union*, the governor of the state, Mr. Bachelder, may be made president. This newspaper indicates that there are political intrigues in connection with the presidency.

A SCHOOL of applied science has been created by the board of regents of the University of Iowa, and Professor L. G. Weld has been appointed director.

MR. WILLIAM KENT, of New York City, has been elected dean of the L. C. Smith College of Applied Science of Syracuse University.

PROFESSOR ROBERT SAMPLE MILLER, associate professor of mechanical engineering at Purdue University, has been elected to a similar position in the newly organized department of engineering at Colorado College. At this institution Dr. Florian Cajori, professor of mathematics, has been elected dean of the school of engineering.

DR. NORMAN M. HARRIS, associate professor of bacteriology at the Johns Hopkins Medical School, has accepted a call to the University of Chicago.

MR. C. A. ASHFORD, who has had charge of the teaching of science at Harrow since 1894, has been appointed headmaster at the Royal Naval College, Osborne.